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Title word cross-reference

^c [Gol77]. ^e [Rās78]. ^{ēm} [Ras83]. th
[Ari72, BS84, Bie85, Bie87, Car86, Dem82, Fra89, Hof65, Høy88, Jah87, JS94,
Lüt95, Mon72, Pet61, Rās78, Ras83, Vig00, You76]. A_7 [Hel22]. α [Hei68]. β
[Hei68]. G [Duc11]. \gg [BS77]. H [Dia94]. \in [Pal85]. \ll [BS77]. $n^{\text{ième}}$ [Rās78].
 Φ [Shn17, BB20]. π [Jam88, Sme70, Twe91a]. $\pi\lambda\alpha\sigma\mu\alpha\tau\iota\kappa\acute{o}\nu$ [Ace09]. $R = 150$
[MB03]. S_6 [Hel22]. $\sum_{n=0}^{\infty} (-1)^n/(2n+1)$ [Kri68]. $\sum_{n=0}^{\infty} 1/n^2$ [Kri68].
 $y^2 - k = x^3$ [GL19].

-theorem [Dia94].

1 [Pou03]. **1050** [Bri01, HA98]. **1166** [Moz19]. **12** [DF20]. **1260s** [Moz18b].
1270s [Moz18b]. **12th** [Gru17]. **14** [HY86]. **1400** [Gol03]. **149a7** [Ace00].
149a7-c3 [Ace00]. **1570s** [MS15b]. **1637-ca.1750** [Bos84]. **1685** [LD01]. **170**
[BS22]. **170/624** [BS22]. **17th** [SS05, Lam13]. **1800** [Ull84]. **1856** [Sch75].
1858 [Sch82a]. **1866** [Bie81a]. **1871** [Bie81b]. **1878** [Tum92]. **1884** [Bie81c].

1887-1888 [BYS⁺21a]. **1893** [Bur72]. **18th** [Ham76, Zab88]. **1900** [SS82]. **1908** [Bur71]. **1912** [Sau08]. **1916** [HB86]. **1916/17** [Rei92]. **1919/20** [SS06]. **1922** [HY86, Rei92]. **1922/23** [Rei92]. **1930s** [Cen10, Kra92]. **1950s** [Cen10]. **1960s** [Bro16]. **1989** [Spa91a]. **19th** [Epp98]. **19th-Century** [Epp98]. **1h** [Gru17].

2 [Dob01, Nau11]. **20th** [Cou04, Fer99, Hen97]. **23** [Rei92]. **248-day** [Jon83]. **28** [Pou01]. **2nd** [Scr61].

3 [Dob01]. **322** [BPS11]. **3405** [Ste00b]. **39** [Dob01].

501 [MP22]. **52** [Kau85]. **5th** [Bec67].

6 [Nau14]. **624** [BS22]. **65156** [Ste20].

76829 [FHR21, Ste22].

8 [Ace03a, Mar12].

ādh [Gol77]. **Āryabhata** [vdW88a].

A-type [SdJ23]. **A.** [Bur71, Pet61, She86, She89b, She89a]. **A.D.** [Gol03]. **abacus** [Uli15]. **Abbacī** [Han11]. **Abel** [GS94]. **Abraham** [Sch68, FG23, Gol70, GC18, Sch68]. **Abschnitt** [Scr61]. **Absolute** [Tru79, Cog22, Cog24]. **abstract** [Kop71]. **Absurdum** [Lov01]. **acceleration** [Kus89, Twe92, Wes86]. **According** [HA98]. **account** [Cha15]. **Accuracy** [Aok96, Aok92]. **achievement** [Høy88]. **Achromatic** [Sha79]. **acoustic** [Dar07]. **acoustics** [Ull84]. **Acronychal** [Swe99]. **ACT** [HA98, Bri01]. **Action** [Dia99, Sau05, AB22, Wis81]. **active** [Bra85, PB06]. **Actives** [PB06]. **ad** [Car20, Lov01, Moz19]. **adaequare** [Bre94a]. **Adaptation** [Shi03]. **additions** [Aok96, Tru92]. **additive** [Sha78]. **Adiabatic** [NP04, Pér09a, Pér09b, NP06]. **Adolf** [OS14, Osw17]. **adoption** [Gua15]. **Adrain** [Dut90]. **Adriaan** [Boc09]. **Adrian** [FS05]. **advent** [Mac24]. **adventures** [De 12]. **advocacy** [Not17]. **Aeginetan** [Amb12]. **aerodynamics** [Fer14]. **aether** [Ros69]. **affine** [Rei92]. **affiner** [Rei92]. **Affinitätstheorie** [Car86]. **affinity** [Car86]. **after** [Arn83a, Sch75]. **Again** [Hah02]. **Against** [Dob99a]. **age** [Bul09, Han77, Tru60]. **ages** [Eva76, GC23]. **Agnesi** [Tru89, Tru92]. **air** [Aub17, Cha15, Mid69, Web65]. **aircraft** [Fer14]. **aire** [GP09]. **Akustik** [Ull84]. **Al** [Ras70, Ses77, Bre94b, BN84, Jen72, Kau85, Moz14, Rās74, AH15, BHM15, Kau85, Man98b, Man04, MB03, Yaz11a, Yaz11b, Yaz18, Bre94b, CG94, CG15, Mae98, Moz14, Moz19, Moz24b, Ras72, Rās74, Ras80, Sab82, Van06]. **Al-Bīrunī** [Yaz18]. **al-Baghdadi** [Jen72]. **al-Battani** [Mae98]. **Al-Bitūjī** [Man04]. **al-Din** [Moz14]. **al-Fahhad** [Moz19]. **al-Haggāg** [Bre94b, Bre94b].

Al-Hasib [Yaz18]. **al-Haytham** [Ras80, Sab82]. **al-Kāshī** [Van06].
al-Kammād [CG94]. **Al-Kammad** [Man98b, CG15]. **al-Karaji** [Ras72].
Al-Kashi [AH15]. **Al-Khwārizmī** [Kau85, MB03]. **al-Khwārizmīs** [Kau85].
Al-Khwarizmi [Yaz11a, Yaz11b]. **al-Maghribi** [Moz14]. **al-Muqtabis** [CG94]. **al-Tūsī** [Rās74]. **al-Tusi** [Rās74]. **al-Zīj** [CG94]. **al-Zarqalluh** [Moz24b]. **Albert** [Bac89, HY86, Bac89, Blu22, FS05, HY86, Mal16, Rou80, Sch88]. **Albrecht** [Fie97]. **Alexander** [Cha62, GH00]. **Alexandria** [Mas15]. **Alexandroff** [Arb79]. **Alexandrov** [Arb81]. **Alfonso** [Mid73, Cha04]. **Alfred** [Lê17].
Algebra [Goe68, Kau85, Ste00a, Blå16, Fre77, Haw08b, Kop71, Lam86, Nab08, Oak09, Oak18, Rās74, Fis99, Gil91]. **Algebraic** [Abr82, Mit19b, Cou10, DG20, Fra89, Hof65, Hol09, Mit19a, Sch82a, Sch86, Shk72, vdW71, vdW72b]. **algebraicist** [Loh66]. **Algebraiker** [Loh66].
algebraische [Hof65, Sch82a]. **Algebraischen** [Sch86, vdW72b].
algebraischer [Hof65]. **Algebras** [FS07, Cic15, Haw82, Haw88, Par85, Fen98, FS05]. **algèbre** [Gil91, Rās74].
Algorithms [Bie04, Fri14, IM21, Sar12]. **Alhazen** [Sab82]. **aliquot** [Ras83].
ali quotes [Ras83]. **Aliza** [Con15, Con18]. **alla** [BF93, Mai90]. **Almagest** [Jon99, Rid78]. **Almanac** [Ste20]. **Almanach** [Man92]. **Almanacs** [GS08].
alternative [Ste22, Vit04]. **Alternatives** [Vit04]. **Altertum** [Fre91].
altitude [Not23]. **am** [HY86]. **ambiguity** [Ji25]. **America** [DS12, Par88].
amiabiles [Ras83]. **Ampère** [Vol89, Vol89]. **Analogien** [Bie83a]. **Analogies** [Bie83a]. **analogy** [Wis81]. **Analyse** [Del11, BS77, BS85, Gis83, Jaë10].
Analysis [GC17, Hüt00, Jah87, SS98, BS77, CEF17, Cha16, Con18, Cou10, Dar07, Dom23, Dug73, FT13, Fra89, Gis83, GG70, Gra84, GC24b, HH79, Lau89, Mah68, Man75, Mat78, Moe74, Moz16b, Moz18a, RKH⁺21, SS82, Smi86, dC16, Ace11a, Del11]. **analyst** [Tay87]. **analytic** [Bil82, Lor16, Spe67, Wim12]. **Analytical** [Dia99, BC12, Cou14, FP12, Ull89].
analytischen [Ull89]. **Anastácio** [Dom23, dO88]. **Anatolia** [YT18].
Anatolius [McC96]. **Ancient** [Bel88, Bel98, Duk02a, Duk05a, Duk07, Wri00, AA72, BC20, Gil74, Jon83, LS84, LS86, Nar25, QZH25, Sei84, Sme70, Liu05].
Andalò [RGM19]. **Andalusian** [CG94]. **Andean** [AA72]. **Andersson** [Lüt94]. **André** [vdW71]. **Anfänge** [SS82, Sza60]. **angle** [Mai90]. **angled** [LS84]. **angles** [Duk10]. **angolo** [Mai90]. **Angular** [Cap02]. **Annäherung** [Spa02]. **anniversary** [Tru96]. **annual** [Moz24b]. **annular** [Yaz11a, Yaz11b].
Anomalies [Bri07]. **anomalous** [Nau15]. **Anomaly** [Duk07, Bri09].
Anonymous [Gol03]. **anschauliche** [Row24b]. **antecedents** [Rab74].
anthropic [Kra10]. **Anthyphairetic** [Fow81]. **anticipations** [Dea88, VT18a, VT18b]. **Antikythera** [CE14, EC19, IJ19a, IJ19b]. **Antique** [Hüt00]. **antiquity** [Ace11a, Fre91, Lin68, Mal10]. **Antonio** [SV24]. **Antoon** [Kox88, Kox13, Sch84]. **Anu** [Tum92]. **Anwendung** [Sch74a]. **Any** [Fra98].
Apercu [LM98, Bus19]. **Apollonius** [DF20, Cio23b, Cio25, Hog86].
Apologia [Mai90]. **appeal** [Pye82]. **appearance** [Ses85]. **appearances** [Smi81, Smi82]. **application** [Nau10, Roq92, Sch74a]. **applications**

[Dal82, Del22b, Arn83i]. **appraisal** [Kyr21]. **Approach** [Bor07, Arn83a, Arn83b, Arn83c, Arn83d, Arn83f, Arn83g, Arn83h, Arn83i, Arn83e, Arn84, Dah80, Dem24, Fra85, Man75, Moo25, Spa02, Spe67, Tup22, Zam10].
Approaches [Kno99, Dai21]. **approaching** [Roq11]. **approche** [Dah80].
Approximation [Man98a, Wri00, BN93, Fow91]. **Approximative** [Gal01].
Apsides [Gro98]. **Arab** [Vin05]. **Arabic** [BS07, Bre94b, De 12, Hog84, Hog86, Oak09]. **arabischen** [Bre94b]. **Arabo** [Vin05]. **Arbeiten** [Sch82a]. **Arc** [Mer02, Hen97, Raw82]. **Arc-en-Ciel** [Mer02]. **archaeology** [Eis91]. **Archimedean** [Ehr06, Fie97, Key22, Kno78, Pal08, SFS08, Via24]. **Archimedes** [Ber76, Del70, Kno76, Kno78, Kno86, Mar93, Net99]. **architecture** [Ray20].
archive [Tru96, BG08]. **Archytas** [Mas16]. **arcs** [Sma11]. **Area** [Dav03, Gio21, Sei72]. **Arénaire** [Del70]. **Argument** [Pou03, CG19, Wat90].
Arguments [Bos84, Hof65, PS10]. **Aristarchus** [BS07, Car14, Cio23a].
Aristote [Mer02]. **Aristotele** [Mar80]. **Aristotelicum** [Tót66]. **Aristotle** [Kno81, Kno82, Mar80, Men07, Mer02, Mil17, Smi78, Vit02]. **arithmetic** [AM14, Cor13, FS07, Neu97, GGHMPR21]. **Arithmetica** [BC12, Bus98, Tho05a, Ace09, Bus98, Ste01, Tho05b]. **Arithmetical** [Mit19a, Mit19b]. **Arithmetics** [Fen98]. **Arithmetik** [Neu97].
arithmétique [Bou13, MS15a]. **arithmetisation** [Jah87].
Arithmetisierung [Jah87]. **arithmetization** [Mat78]. **Arnold** [Sch85].
arquimediana [Mar93]. **Ars** [Con15]. **art** [Lam94]. **Artaxerxes** [Ste20].
article [Kno82, Kyr21, Lam89, Wei80]. **artifacts** [BC20]. **Artin** [BS84, DS12, Kie71, vdW72a]. **as-Samaw'al** [Ras72, Wat78]. **ascendancy** [Dea92]. **Ask** [MB25]. **Aspect** [Fer99]. **Aspects** [Ari72, Ber03, BN93, BS84, Car20, Dho86, Fer07, Lau89]. **Associations** [Duk02a]. **Astonishing** [Gea10]. **astrolabii** [RGM19]. **Astrologer** [Fie84].
astrologers [Too85]. **astrological** [Ste22]. **Astronomentreffen** [Her70].
astronomer [Her70]. **astronomers** [Too85]. **Astronomiae** [Dav03, Del16a].
Astronomical [Man92, Moz18b, Shi03, Ste00b, Cha91, CG15, FHR21, GC17, GC18, GC24b, MZ24, Moz16b, NTP04b, NTP04a, She73b, YT18, ZH12, vdW84a, vdW84b, vdW84c, vdW85a, vdW85b, FHR21]. **astronomique** [NTP04b, NTP04a]. **Astronomy** [Cha04, Duk07, Man98a, Str81, Bel88, BG96, BB20, CG94, Duk08, GB91, Gra15, GS08, GS09, Jon83, Moz16b, Not17, Not18, Not23, She84a, She93b, vdW78b, vdW82, FHR21].
Asymmetry [HG05a]. **asymptotic** [Sch77]. **atelier** [AB19].
atmosphärischen [Sch74a]. **atmosphere** [Gol77, Sch73]. **Atmospheric** [Bru81, Sch74a]. **atom** [Hei68, MR10, Pet14]. **Atomic** [Hoy73, McC66, Ros71]. **Atomtheorie** [Hoy73]. **Atronomice** [Cha04].
attempt [Bie83b, Tum92]. **attempts** [Bie87, Lüt79, Cao91]. **attitudes** [GG85]. **attorno** [Mai90]. **Attractions** [Gro98]. **attributed** [McC96, Yaz18].
attribution [Zab88]. **Auerbach** [RC23]. **Augenzeugen** [Sch86]. **Auguste** [Pap17]. **Auseinandersetzung** [Hof65]. **Ausgleichspunkt** [vdW60]. **author** [Art85]. **auto** [GL12]. **auto-entretenues** [GL12]. **automorphic** [AG09].

Autor [Art85]. **autrement** [AB22]. **Autres** [Vit04]. **aux** [Ras83, Sma11]. **Avogadro** [Skv24]. **avoided** [Art85]. **awakening** [Del22b]. **axiom** [Big83, Sza60, Tru79, Bre84]. **axiomatic** [BN78]. **axiomatically** [Sei75]. **axiomatics** [De 16, Hol17]. **axiomatisation** [Jaë20]. **axiomatization** [Cor97a]. **Axiomatizations** [Lac00]. **Axiomensystems** [Sza60]. **axioms** [Seg94].

B [MB25, vdW72b, Bre94b, Vit02, BSS88]. **B-splines** [BSS88]. **B.** [vdW72b]. **B.C.** [Gul87]. **Bīrunī** [Yaz18]. **Babylon** [Ste06, SdJ23]. **Babylonian** [FHR21, BB20, BJ00, Bri07, Bri09, Bri10, Duk10, EC19, GS08, GS09, HA98, Jon04, Oss18, RSW04, Shn17, SM21, Ste24a, Swe99, dJ19a, dJ19b, dJH20, dJ21, vdW68, vdW80a, vdW80b]. **Babylonians** [Goe68]. **Babylonier** [Goe68]. **Back** [IJ19b, Roc21, IJ19a]. **Background** [She03, Bie85, Dau71, Edw75, Edw77, Frö94, Sha79, Wil82]. **Bacon** [Lin70a]. **Bad** [Ses77]. **Baghdadi** [Jen72]. **Baire** [Dug76, Mon72]. **Baisiu** [Man89]. **Baker** [AB12]. **Bakr** [Ses77]. **Balance** [Mar06, SC80, vdW60]. **balistique** [Eis96]. **ballistic** [Eis96]. **Ballistics** [Aub17]. **Banach** [Jaë20]. **bar** [FG23, Jao74]. **Barbaro** [Fie97]. **Barbier** [SPJ01]. **barre** [Jao74]. **Barrow** [Lüt94]. **barycentric** [Rec94]. **based** [BS22, Moo25]. **Basis** [Duk05a, Bie85, Bie92, Gis83, Sch82b, Spa91b]. **Battani** [Mae98]. **Baye** [Dal82]. **Bayes** [Dal82, Dal86, Hal90]. **be** [WH14]. **Bearbeitung** [Kau85]. **became** [Car86, Eck24]. **Becquerel** [dAM97]. **Bedeutung** [Hof66, Sch82c, Hof60]. **been** [Fre77]. **Before** [Van21, Bik78, Gou18, Joh84, Pet11, Sch74b]. **beginning** [Ste24a]. **beginnings** [Arb79, Arb81, Kle61, SS82, Sza60]. **Begriff** [Pet63]. **Begriffes** [Ras71]. **begriffliche** [Car86]. **Behavior** [KC00]. **beiden** [Sch84]. **Being** [Pou04]. **Beitrag** [Sch75, Vol87]. **Beiträge** [Neu73a]. **Beltrami** [PT96, Taz93]. **Bemerkungen** [ENP82, Lau65]. **Ben** [Rab70, Cha91, GC17, Man98a]. **Beobachtbarkeit** [ST94]. **Bericht** [Sch86]. **Bernard** [Joh77]. **Bernoulli** [Sha78, Spe96]. **Bertrand** [SPJ01, She94a]. **Bessel** [Dut95]. **Bestimmung** [Kri68]. **beta** [Dut81, ED09, Hal90]. **betrayed** [Wei78]. **betriebenen** [Bie87]. **bets** [FGP81]. **Betti** [Bot77b, Bot77b, Wei79, Wei80]. **Between** [Boc09, Buc01, Dar02, Dia99, Duk02a, Ste01, AT14, BN88, Bot77a, Bre94b, Bur71, Bur72, Car18, DF12, Cor99, Gil75, Gou14, GS08, Lam87, LM98, Lüt95, Mai90, Mai94b, Mil83, Moe74, Mon72, Neu81, Neu97, Osw17, Pap17, Pye82, Scr63, Spa91b, Tan09, Twe91b, Ver20, Vie21, Voe08, vdW72b]. **Beweis** [SS86, Vol89]. **Beyond** [Bie04, FS07, Cor08, Del22a]. **Beziehung** [Bie82]. **Beziehungen** [Sch88]. **Bianchini** [Cha16, GC04, Van18, Van21]. **Biao** [Gua10]. **big** [Duc11]. **biggest** [Blu22]. **Binocular** [Gou18]. **binomial** [BHM15]. **biography** [Cou14, Fre74]. **biology** [BG08, She80]. **biquadratic** [Col77]. **Birefringence** [Buc07]. **Birkhoff** [Roq11]. **Birth** [SS05, Wei80, FGP81, Haw91, Wei79]. **Births** [Dar02]. **bis** [Bie92, HB86, Neu97, Rei73, vdW72a]. **Bisecting** [Oss18]. **Bitūjī** [Man04].

Biton [Key22]. **Bitter** [Gea10]. **Björling** [Braå07]. **black** [Eis91]. **blocks** [Eis87]. **Blondel** [GL12, Ray20]. **blunder** [Blu22]. **BM** [FHR21, Ste20, Ste22]. **Bodies** [KC00, BS84, Kje08, Wil87]. **Bodleian** [Kau85, Kau85]. **Body** [Dob98, McG66, Pou04, BG94, Pou92a, Ste22]. **Bohr** [Hoy73]. **Bohrschen** [Hoy73]. **Bois** [Fis81]. **Boltzmann** [Bie92, Hoy80, Bac90, Bie81a, Bie92, Hoy80, vP91]. **Boltzmanns** [Bie81a]. **Bolyai** [Tan09]. **Bolzano** [Spa91b, Fre71, GG70, Joh77, Lau65, Spa91a, Spa91b, vR63]. **Bolzanos** [Lau65, Spa91a]. **Bombelli** [RS98, Wag10]. **bones** [BC20]. **Bonfils** [GC17]. **Bonjorn** [Cha91]. **Book** [Dau08a, Dau08b, Mar12, Nau11, Abo08, Jao74, Ace03a, Bec67, Ber76, Cor13, Dob01, FHR21, Fow80, Fow82, Pou09, Rus98, Sei75]. **books** [DF20, GGHPMR21, Neu73b, Neu74]. **boostered** [RKH⁺21]. **Borel** [BN78, Mon72]. **Borelli** [DF20, Mid73]. **Born** [Im96]. **Boscovich** [Pro88, She73c, Spe67]. **Boscovich's** [DF18]. **Boyle** [Cha15, Web65]. **Bradwardine** [Bus98, Bus98, Gra65, Mol78]. **Brahe** [Car20, Mae98, Ros81]. **Brahmagupta** [Pot74]. **Brahman** [vdW88a]. **braids** [Fri20]. **Breaking** [Pal08]. **Brechungsgesetz** [Hen01]. **Brevity** [Bra03]. **Brianchon** [Del22a, Del22b]. **Briefbüchern** [Mes65]. **Briefwechsel** [Bur71, Bur72, Sch84, vdW72b]. **Britton** [Jon10, Shn17]. **Broglie** [Kub70, Kub70]. **Brook** [Fei85]. **brothers** [OS14]. **Brouillon** [AB17, AB22]. **Brouncker** [Dut82]. **Brown** [Bru68]. **Brownian** [Bru68, Skv24, Yea11]. **Brudzewo** [Mal16]. **bruslans** [AB22]. **Buch** [Bec67]. **Bücher** [Neu73b, Neu74]. **Buffon** [Lov01, Zab88]. **Building** [Ray14]. **Bulkeley** [Gou14]. **Buniakovsky** [She91b]. **Bunte** [ENP82]. **Buono** [Mid69]. **Buoyancy** [Pal05]. **Burbury** [Dia94]. **Bürgi** [Moo25, WH19]. **burning** [Ace11a]. **Burnside** [AG09, Ald09]. **Bury** [Dav86, Dav90]. **Byzantine** [Vin05]. **Byzantins** [Vin05].

C [Gru17]. **C.** [BF93, Dav90, Gar89b, Gar91, Mai82, She79, She94b]. **c3** [Ace00]. **ca.1750** [Bos84]. **Cady** [Kat08]. **Caerleon** [MZ24]. **Caianello** [CD13]. **Calabria** [Mai94b]. **Calcolo** [FGP81, RS98]. **calcul** [Gil91, Jao74]. **Calculating** [Bro05, WH19]. **calculation** [Car09, Car17, Jao74, Pep68, RS98, ZH24, vdW60]. **calculations** [Mac24, Sch74a]. **Calculi** [Car20]. **Calculus** [Fra94, Bos74, CEF17, Cog22, Cog24, Dom23, FGP81, Fra85, Fra89, Gil91, GXB21, Kop71, Lüt79, Nau10, Pet87, RA20, Rei89, Roc21]. **Calendar** [Bie07, GS09, vdW84b, vdW84c, Yaz20]. **calendars** [vdW84a, vdW84b, vdW84c, vdW85a, vdW85b]. **calidum** [Bus65b]. **called** [Wil70]. **Callippos** [vdW84b]. **caloric** [Bie81b, Bie81c, Bie82]. **Cambridge** [Not18]. **came** [Dea92]. **camera** [Thr94]. **Campbell** [AB12, Mil83]. **can** [Fra98]. **Canonical** [FN23]. **Cantor** [Dau71, Mes65, Spa91b]. **Cantors** [Mes65]. **capabilities** [Gea85]. **Capella** [Car17]. **Capillarity** [Bik78]. **carbon** [Kra10]. **carbon-12** [Kra10]. **Cardano** [Con15, Con18]. **Carl**

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Euklid [Bre94b]. **euklidischen** [Sza60]. **Euklids** [Bec67, Neu73b, Neu74].
Euler [Bel10, Bis22, Cal76, CEF17, Dea81, Dea85, Dia99, Dut96b, Eck02,
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 [Kno74]. **explicating** [Che15]. **Explikationstheorie** [Kno74]. **exploration**
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Finite [She73a, Ros15, Sil79]. **Finlay** [Hen94]. **Finsler** [vdW72b, vdW72b].
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[Lê17, Shk72, SS09, Blå16, Joh77, Kje08, Mae88, Mah68, Mal10, Smi81].
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[AB17, AB19, AB22]. **Girolamo** [BN84]. **Giulio** [Zel09]. **given** [Sid18a].

Givens [Ace11b]. **glass** [Gou14]. **glasses** [Wes64]. **gleichverteilung** [HB86]. **glimpse** [Ren97]. **Global** [Cho11]. **Glories** [Ste00a]. **Gmunden** [GC24a]. **goal** [GS08, GS09]. **goal-year** [GS08, GS09]. **Goals** [Kje02]. **good** [Fra98, VT18a, VT18b]. **Gordon** [CG80]. **Gotha** [Her70]. **Göttingen** [Im96, Pye79, Sch82a, Sch88]. **Göttinger** [Sch82a]. **Gottlob** [Boo85]. **grains** [CM15]. **Grand** [YT18]. **Graphical** [Mal10]. **Graphs** [Asc88]. **Grasping** [Tan09]. **gravitation** [Aok92, Aok96, Duc11, Eis91, Nor92, Ros69, Wil70, Mal91b, Ros65]. **Gravitational** [Zeh83, Blu22, Car21, Sau08]. **gravitational-wave** [Blu22]. **gravitatione** [Ruf12]. **Gravitationstheorie** [Zeh83]. **gravity** [BS22, Wes86]. **great** [McL11, Wil85, Moz19, vdW78b]. **greca** [Vit82]. **Greco** [BG96]. **Greek** [Ace11a, Ace11b, Ace19, BHM15, BS07, BJ00, Duk10, GB91, Hog84, Mah68, Neu73a, Sid18a, Sza64, Thu92, Ung75, Vit82, Wri00, vdW78b, vdW78a, vdW82, vdW84a, vdW84b, vdW84c, vdW85a, vdW85b, vdW88c]. **Greeks** [Was71]. **Green** [Lüt94]. **Gregorian** [Bie07]. **Gregorie** [Mal93]. **Griechen** [Was71]. **griechischen** [Neu73a]. **Größen** [Was71]. **Größenlehre** [Lau65]. **Grosseteste** [Eas70]. **Group** [Neu06, Dah80, Haw71, Haw72, Haw74, Hol17, Ste24b]. **groupe** [Dah80]. **groups** [Bur67, Gra80, Haw72, Hel22, Hol14, Sil79, Haw91]. **growth** [Joh79, Joh81]. **Grundlagen** [Bie85, Boo85, Sch82b, Spa91b, Toe86]. **Grundlegung** [Bie81a, Bie81b, Bie81c, Bie83b, Bie87, Bie92, vdW72b]. **Grundlegungen** [Bie82]. **Grundzüge** [ENP82]. **Gu** [LA84]. **guest** [HY86].

H [Par85, She71a]. **H.** [She91a]. **ha-Meshihah** [FG23]. **Habash** [Yaz18]. **Haggāg** [Bre94b, Bre94b]. **Half** [Cou04, Hof65, Jah87, Lam13]. **Hälfte** [Hof65, Jah87]. **Halley** [Bro05]. **Hamilton** [Mat78]. **Hansen** [WH14]. **Hariot** [Kal77]. **harmonic** [Dar07]. **Harmony** [Dia99, Pye82]. **Harriot** [Loh66, Big19, Gou14, Loh66, Loh79, Pep68, Ste00a, Ste08]. **Hartree** [Zan13]. **Hasib** [Yaz18]. **Hasse** [FS05, FS07]. **Hastings** [SS98]. **Hauksbee** [Hom67]. **Hauptsatzes** [Bie81a, Bie81b, Bie82, Bie83b, Bie87]. **Hausdorff** [AB12]. **having** [Hof66]. **Haytham** [Ras70, Ras80, Sab82]. **Head** [MP22]. **heart** [dC16]. **Heat** [Gea10, Arn83d, Hoy78, Ler72, Bie81a]. **heated** [Mal91a]. **heavens** [Ber91]. **Heaviside** [Lüt79, Pet87, Roc21]. **Hebrew** [Gol03]. **height** [Gol77]. **Heinrich** [BYS⁺21a, vdW72a, BYS⁺21b, HD95, vdW72a]. **Heisenberg** [Bel85]. **heliocentric** [MB25]. **heliocentrism** [Car18]. **Heliostat** [Mid73]. **Helmert** [She95b]. **Helmholtz** [Bie81c, Bie83a, Buc01, PR23, RP23]. **Helmholtzens** [Bie81c]. **Helmholtz's** [PR23]. **Helmholtzschen** [Bie83a]. **Helmut** [FS05, FS07]. **Hendrik** [Kox88, Kox13, Sch84]. **Henri** [Mil73]. **Henrik** [GS94]. **heptagon** [Hog84]. **her** [Del08]. **Heritage** [Høy08]. **Hermann** [Bie81c, Bie81c, Cor97b, Pye77]. **Hermite** [Bot77a]. **Hero** [Mas15, Men23]. **Heron** [Key92]. **Hertz** [Buc01, BYS⁺21a, BYS⁺21b, Don91, HD95]. **Hertzian** [Don91]. **Hesses** [Haw88]. **Heuristic** [Man98a, Ace11a, CGM87]. **heuristical** [Pot74]. **heuristics** [CG20]. **hexagram** [Del20]. **Hibbur** [FG23]. **Hidden** [MT97].

higher [Bos74]. **higher-order** [Bos74]. **highlight** [CM15]. **Hilbert** [SS86, BS84, Con76, Cor97a, Cor99, EG78, Gio21, Lac00, Sau99, Sau05, SS86, Toe86]. **Hill** [GZKB⁺12]. **hindered** [GG85]. **Hindu** [MB03, vdW78b]. **Hipparchus** [Ace03b, Duk02b, Mae98, Moz24a, NB89, Swe80, Too74]. **Hippopede** [Yav01]. **Hire** [Bri21, SS05]. **Hisab** [Ses77]. **Histoire** [Eis82, RDV01, Del11, Dho86, Gil91, Jam88]. **Historical** [Frö94, JP13, Kje02, She88, Van92, Dut81, McH71, Nar25, Nem62, Pot74, RKH⁺21, Seg94, She73a, She73b, YT18, ZH17, Bol72]. **historiographical** [Spa02]. **historiografische** [Spa02]. **historique** [Bus19]. **History** [Alv99, BG08, Dal01, Går89a, Kra03, Nis05, Nis09, Nis11, Ped00, WL23, ZH17, BN78, Ber68, BGTZ14, Bru68, Bur67, BSS88, Cog24, Cou10, Dar20, Del11, Dem83, Dho86, Dut84, Dut91, Dut95, EG78, Fer96, Fre77, Gal17, GG85, Gra84, Har08, HJB85, Jam88, Kra23, Lam88, Lam89, Muk74, Neu73a, Ras71, RW12, Rei73, RDV01, Ros71, SV24, Sch71, Scr61, She77a, She80, She82, She84a, She84b, She85, She93a, Ung75, Vol87, Zam10, BG09, Eis82, Ger69]. **Hiyya** [FG23]. **Hobbes** [Don21]. **Hochatmosphäre** [Sch73]. **Hoher** [Joh84]. **Holbrooke** [Not18]. **holes** [Eis91]. **Homocentric** [Yav98]. **homoclinic** [And94]. **homogène** [Jao74]. **Homogeneity** [Mue70]. **homogeneous** [Jao74]. **Homologiebegriffs** [Bol72]. **homology** [Bol72]. **homotopic** [Van92]. **Hopkins** [Par88]. **horizon** [Bru81]. **Horse** [Dar03]. **Hoyer** [Joh84]. **Hoyle** [Kra10]. **Hsiang** [Yon69]. **hsüeh** [Lam79]. **Hui** [Yon69]. **huitième** [Vig00]. **Humboldt** [Cha62]. **Hurwitz** [OS14, Osw17]. **Huygens** [Hof66, Buc80a, Buc07, Hof66, Nau15, Sak82]. **hydraulics** [Eck24]. **Hydrodynamics** [Dar02, Dar03, Eck24, Fer14]. **Hydrogen** [Gea10, MR10]. **hydrostatics** [Cha15]. **hyperbolic** [Gal17]. **Hypercomplex** [Haw72]. **Hyperelliptic** [Ull00]. **hypergeometric** [Dut84, Fer07]. **Hyphegesis** [Mar12]. **Hypothese** [Was71]. **Hypothesen** [Bre94b]. **Hypotheses** [Duk09, Bre94b]. **hypothesis** [KL84, Mae90, Pér09b, War91, Was71, vP91, NP06, Rit15].

I. [Pet63]. **Iberian** [CG15]. **Ibn** [GC23, Moe74, Jao74, CG94, CG15, Gol77, Kin73, Man98b, Moz19, Moz24b, Ras70, Ras80, Sab82]. **idea** [Sau08]. **ideal** [Edw80, FP12, Han77, PS10]. **ideas** [Nem62, Ros71]. **Ideengeschichte** [Sch71]. **ihr** [Bie85, Hof66, SS82]. **ihre** [Bie85, Hof60, Hof66]. **ihren** [Hof66]. **ihrer** [Sza64]. **II** [Arn83b, Asc88, BG94, Bri09, Cor13, Dea82, Del16c, Dia94, Fow80, Fow82, GS09, Joh81, NB89, Pai74, Pou09, RA20, Tay85, Wil80b, dJ19b, vdW80b, vdW84b]. **III** [Arn83c, BC12, Bri10, Pai77, Ste20, Tay87, Vit02, dj21, vdW84c]. **Il’ich** [Fre74]. **im** [Bie87, Car86, Fre91, Her70, Pet61, Rei03, Sch74a, SS82, Sza64, Tót66]. **image** [Gou18]. **images** [Lin68, Lin70a, Lin70b, Man89, Man92, Str81]. **imagination** [Gou14]. **Immanuel** [GC17]. **Impact** [Dai21, Kal77]. **impacts** [Ji25]. **Impasses** [Eis87]. **imperial** [CM15]. **implications** [FHR21, Mas16]. **import** [DPC95]. **Importance** [Pou04]. **important** [FHR21]. **impossibility**

[EQ21]. **inception** [Ehb22, Ehb23]. **Inclined** [Hah02]. **include** [BG08]. **incommensurabilità** [Mar80]. **Incommensurability** [Bor07, Gra61, Kno81, Mar80, Kno82]. **incommensurable** [Was71]. **incomplete** [Dut81]. **inconsistent** [BY16]. **increased** [GGHPMR21]. **increments** [Fei85]. **Indecision** [Fis99]. **independent** [Mil85]. **indeterminacy** [Bel85]. **indeterminate** [BS77, Ses77]. **indéterminée** [BS77]. **Indéterminées** [Ses77]. **India** [Duk05a, WH19]. **Indian** [CG15, Duk05a, Duk07, Duk08, Thu92, vdW60]. **indische** [vdW60]. **Individual** [Pal85]. **Individuo** [Pal85]. **indivisibles** [And85]. **induced** [RD94]. **Induction** [Ace00, BHM15, Kyr21, Rab70, Ras72]. **Inequalities** [Kje02]. **inequality** [Wil85]. **Inferior** [Van06]. **infinite** [Ber68, Fis81, Lau89, Sak82, Bus65b]. **infinitely** [Bil82]. **infinitesimal** [Bas14, Fis81, Hof65, Lau89]. **Infinitesimalmethoden** [Hof65]. **infinitesimals** [Art13, RA20]. **infinitorum** [Ste01]. **Infinity** [Kno99, Del70, Fra97]. **influence** [Bel85, Bot77b, Bra85, BN93, Car21, Eis91, Fer14, Loh68, Ros15, Wil82]. **influenced** [vB17]. **Influences** [Sen98]. **Inhalt** [Hof66]. **Inherent** [Mel06]. **initial** [CGM87, Ehb22, Ehb23, GG85, RD94]. **inkommensurablen** [Was71]. **inner** [Gru17, QZH25]. **innovator** [Høy88]. **Inscription** [IJ19a, IJ19b]. **inspiration** [BHM15, Del22c]. **instance** [Raw82]. **instrumental** [Pro88]. **Integrability** [Pou01]. **Integral** [AT14, Ber66, CEF17, Dea85, ED09, Gil91, Hal90, Gil91]. **Integrals** [Ull00, Ayo84]. **integration** [Sma11]. **intellectual** [Høy88]. **Intelligibility** [Mit19b, Mit19a]. **intensity** [Jäh25]. **Interactions** [Lüt95]. **interna** [Mar93]. **internal** [Mar93]. **Interpretation** [Dob99a, KSFW90, Pou06, Bec73, Ber91, Dav90, Gua10, Kno76, Sme70, Ste22, Zai94]. **interval** [Ste24a]. **Introduction** [Jae98, Bri10, GB91, Lam79, Sch75, Ull89]. **intuitionism** [McL11]. **Invariance** [NP04, Joh79, Joh81]. **Invention** [Rās78, Dea85, Ker86, Mid73, vdW68]. **Inverse** [Wei00, Aok92, Aok96, Gui16, Nau10, Scr61, Scr63, Twe91a]. **inverse-cube** [Gui16]. **inverse-square** [Aok92, Aok96]. **inverse-tangent** [Scr61, Twe91a]. **inversen** [Scr61]. **Investigations** [Mar12, Nor04, Buc80a, Joh77]. **involution** [AB17, Del22c]. **involutions** [SS21]. **irreducibilis** [Con15]. **irrelevance** [Nis09]. **irruption** [Nab08]. **Isaac** [Gre96, Osa13, Wes64]. **Ishiwara** [HY86]. **Ishiwaras** [HY86]. **Ising** [Nis05, Nis09, Nis11]. **Islamic** [Moz16b, Ses91, Ses03, Shi03]. **isolation** [Arn83a, Arn83b, Arn83c, Arn83d, Arn83f, Arn83g, Arn83h, Arn83i, Arn83e, Arn84]. **isomorphicism** [Sch74b]. **isomorphism** [RW12]. **Isomorphismus** [Sch74b]. **Isospin** [Ras71]. **issues** [Mer02]. **Istanbul** [MS15b]. **Italia** [RS98]. **Italian** [BF93, Bot77a, BN84, CG80, FGP81, Gal80, Gar91, Gue84, Mai89, Mai90, Mai94b, Mai94a, Mar80, Pal85, PT96, RS98, Vit82]. **italiana** [BN84]. **Italy** [AT14, ABZ02, RS98]. **itinerary** [Tup22]. **IV** [Arn83d, vdW85a]. **IX** [Arn83e].

J [Bie92, GL19, SPJ01, She73c, Top71]. **J.** [Bie92, Fra83, Fra85, Lüt94, Rec94, SPJ01, She71a, Top71]. **J.-É.** [SPJ01]. **Jacob** [GC17, Cha91]. **Jacobi** [Cog14, FN23, Haw91]. **Jacques** [GGHMPR21]. **Jahen** [Her63]. **Jahre** [Bie81a, Bie81b, Bie81c, Her70, Joh84]. **Jahren** [HB86]. **Jahrhundert** [Bie85, Bie87, Car86, Pet61]. **Jahrhunderts** [Jah87, Hof65]. **Jakob** [Lor16]. **Jalali** [Yaz20]. **Jamblique** [Vin05]. **James** [Fre74, Mal93, Par88, Twe92]. **Jamshīd** [Van06]. **Janet** [IM21]. **János** [Tan09]. **Jeffreys** [GCWL23, WL23]. **Jensen** [Str92, Str92]. **Jensen-Transformation** [Str92]. **Jerusalem** [Zel09]. **Jesse** [Sch73, Sch73]. **Jewish** [Bel88]. **Jing** [Gua15]. **Jiu** [Lam94]. **Jiushao's** [Yiw20]. **Johann** [Spe96]. **Johannes** [Fie84, Fie97]. **John** [GC24a, Jon10, Kje01, McC66, Not18, RKH⁺21, Ste01, Twe91a, Vig00]. **Johns** [Par88]. **Joint** [BG09, Del22a]. **Jordan** [Bel85, Gug77, Lac00]. **Jordanus** [Høy88]. **José** [CPFA07]. **Joseph** [Par88, GC23, Ham76, Lüt84a, Par85, War91]. **Jost** [Moo25, WH19]. **Journal** [Ano24, Ano25]. **Journals** [BG09]. **Journey** [Kje01]. **Julius** [Lor16, OS14]. **Jun** [HY86]. **Jupiter** [Abr82, Car21, Coh98, Eis96, Wil85]. **Jupiter's** [Oss18]. **justification** [RA20].

K. [Arb81, Lüt94]. **Kāshī** [Van06]. **Kaestner** [Pet61, Pet61]. **Kähler** [Cog11]. **Kammād** [CG94]. **Kammad** [CG15, Man98b]. **Kant** [Pet63]. **Karaji** [Ras72, Ses77]. **Karl** [Dug73, Vie21]. **Kashi** [AH15]. **Kepler** [CR19, Car25, Dav03, Del16a, Fie84, Fie97, Gou18, Mae90, MB25, Spe96, Str81, Wil70, Wil85, Dut97]. **Keplerian** [Mae88]. **Kepler's** [CG20]. **Kerala** [RR86]. **Keralesse** [RR78]. **Khazini** [Moz22]. **Khwārizmī** [Kau85, MB03]. **Khwārizmīs** [Kau85]. **Khwarizmi** [Yaz11a, Yaz11b]. **Killing** [Haw82]. **kinds** [EQ21]. **Kinematic** [Sha73]. **kinematics** [CFH⁺70]. **Kinematik** [CFH⁺70]. **kinetic** [Bru73, Bru74, Tru75]. **kinetics** [KL84, Lai85, Lai88, Zam10]. **Kirchhoff** [BY16, Dil92]. **klassischen** [Hoy76]. **Klein** [Bur72, Bur72, CG80, Hel22, Kay23, Row24a, Zam10]. **Klein's** [Row24b]. **km** [Sei76]. **Knight** [Ses03]. **Knowledge** [Buc06, Fis66]. **known** [CM15]. **Kohn** [Zan14]. **Kolmogorov** [BN78]. **König** [Fra97]. **Konstruierbarkeit** [Pet63]. **Konstruktionen** [vdW78a]. **Kontinuum** [Spa02]. **Korean** [Shi03]. **Kramers** [Zam10]. **Kreismessung** [Hof66]. **Kronecker** [ENP82, Ver20]. **Kroneckers** [ENP82]. **Krümmungsbegriffs** [Ger82]. **Kudurru** [KSFW90]. **Kummer** [Edw77, Cor08, Edw75]. **Kuo** [Gua10]. **Kuratowski** [Arb81]. **Kurven** [Hof65]. **Kyoto** [HY86, HY86].

L [Bie92, Fra83, Fra85, Wil82, vdW72b]. **L.** [Bie92, Dav90, She72]. **Laboratories** [Lai88]. **laboratory** [Duc11, HD95]. **Lacaille** [Wil80a, Wil80b]. **Lage** [Har08]. **Lagrange** [FP12, Fra83, Fra85, Ham76, Kie71]. **Lagrangian** [LP15]. **Laguerre** [MR10]. **L'algebra** [Wag10]. **linalgèbre** [Nab08]. **Lambda** [Ear01]. **Lambert** [Sha78, She71a]. **Landen** [Sma11]. **language** [Ace11b, Ehb22, Ehb23].

Laodicea [McC96]. **Laplace**

[Bik78, Dal82, Dea81, Dea82, Dea92, Pou20, She76, She77b, Wil85, Zab88].

Laplacian [Arn83b]. **L'archéologie** [Eis91]. **large** [McH71]. **Larmor**[War91]. **laser** [Bro16]. **last** [Edw75, ST94, Del08]. **lasting** [Hof66]. **Late**

[Mit19b, RSW04, Bel91, BN84, MZ24, Mit19a, Pal08, Pye82, FHR21, Fra13].

late-twentieth [Bel91]. **lateinische** [Kau85]. **lateinischen** [Hen01]. **later**[Whi61]. **Latin** [BG96, CG13, Cio22, Cio23a, Cio23b, Hen01, Kau85, Not17,Not23, Not24, Ung74]. **Latitude** [Van06, Moz16b, Not23]. **Latitudes**[GC04, Moz16b, Rid78]. **Law**[Dav03, Ruf63, Aok92, Aok96, CG20, Dar20, Don21, Eas70, Loh61, Pou20, RC23, Sha79, Hen01, Pou06, Ros65, Smi82, Web65]. **laws**[CR19, Col77, MB25, Wil70]. **leading** [JW22]. **learned** [Yea11]. **Least**[Dia99, Dut90, Dut96a, Mag22, She93a, Wat90]. **least-squares** [Mag22].**Lebesgue** [GP09, Mon72, Net20]. **L'Échelle** [Vig00]. **lecteur** [Sma11].**lecture** [HY86, ST94]. **Lectures** [Ull89, She94c, Vie21]. **legacy** [RP23].**Legendre** [HG05b, Sma11]. **Lehre** [Spa91a]. **Leibniz**

[Kno74, Ait72, Art13, Dut82, EQ21, Kno74, Kno99, RA20, SS05, Scr63].

Leibnizian [Bos74]. **lemma** [Fra97, DF20, Pou01]. **Lemmas**[Pou98, MT97, Sab82, Dob01]. **lemmatic** [Ace11a]. **lemniscate** [Ayo84].**Length** [Abr84a, Bel98, Not18, Ste22, Swe80]. **lens** [ZH24]. **lensing** [Sau08].**Lenz** [Nis05, Nis09, Nis11]. **Leonard** [Fen98]. **Leonardo** [Fie97, Thr94].**Leonhard** [Mal00, Mil85, Ver13a, Ver13b]. **Leopold** [Ver20]. **letter** [Wei78].**lettore** [PT96]. **Letters**

[AG09, Cal76, Ren97, Arb79, Sal74, Sch84, Bur71, Bur72, PT96, vdW72b].

Lettres [Arb79]. **letzter** [ST94]. **level** [Eis86, Kra10]. **Levi**[Rab70, CT24, IR16, Man98a, Rei92]. **Levi-Civita** [CT24, IR16, Rei92].**Levi-Civitasche** [Rei92]. **Lewis** [MZ24]. **L'Extraction** [Rās78]. **Li**[LA84, Gua15]. **Liber** [Han11]. **Library** [Kau85]. **Lichtstreuung** [Sch74a].**Lie** [Cic15, Haw72, Haw82, Haw88, Haw91, Kay23, Row24a]. **liés** [Dho86].**Lieu** [Vit02]. **life** [Dug76, FGP81, Fra13, Ste22]. **Light** [Dob98, Bro67,Bro16, Che97, Eis91, Haw74, Mal91a, Sak82, Sch74a, SFS08, Sha73]. **like**[Kno92]. **likelihood** [Mag22]. **Likely** [Jon99]. **limitations** [Smi82]. **Lindley**[GCWL23, WL23]. **L'induction** [Ras72]. **line** [PR23, Row24a]. **linéaires**[Jaë10]. **Linear**

[Kje02, Bro81, Dem83, IM21, Lüt84b, McH71, SV24, Sch77, Shk72].

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[Arb81, Bri07, Dar02, FS07, Gea10, Hoy73, Kje02, Kox88, Kra81, Man04, Men07, Neu06, Pye77, Swe99, vdW72a, Abr84a, Ald09, AT14, Arn83a, Arn83b, Arn83c, Arn83d, Arn83f, Arn83g, Arn83h, Arn83i, Arn83e, Arn84, BS84, Ber66, Bie81b, Bie81c, Bie82, Bis22, Bos84, Bri09, Bri10, Bro67, Bru73, Bru74, Buc80b, BY16, Cao91, Car86, CGM87, Cog11, Cog14, Coo93, Cor08, Dar93, Dau71, Dea88, Del22b, Dem83, Dem24, Dil92, Dos75, Edw80, Edw90, Ehb22, Ehb23, Eis91, EC19, FGP81, FP12, Fer14, Fis66, Fow80, Fow82, GG85, Gil91, Gio21, Gol70, Gru17, Gua15, Ham76, Haw71, Haw72, Haw74, Haw77, HB86, Hol09, Hom67, Hoy74, Im96, Jäh25, JP13, Ji25, Joh77, Kie71, Kle61, Kno74, Knu76, Kox13, Lam13, Lê17, Ler72]. **theory**
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[Dea81, Dea92, Dea82, HJB85]. **Transformation**
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voreuklidische [Art85, Art88]. **Vorgeschichte** [Ger82, Hof66]. **Vorlesung**
[ST94, Ull89]. **vs** [Cor08].

W [SPJ01]. **W.** [Arb81]. **Waerden** [Mat85, vdW72b].
Waerden/Seidenberg [Mat85]. **Wahrscheinlichkeitsrechnung** [Sch74a].
wahrscheinlichkeitstheoretischer [Sch75]. **Wallis** [Dut82, Fow91, Ste01].
Walter [Kat08, Zan14]. **Waqar** [GC23]. **waren** [Bie87]. **Wärmeäquivalent**
[Hoy78]. **Wärmelehre** [Bie81a, Bie81b, Bie81c, Bie82]. **was** [Car18, Car86].
Water [Dar03, Ped00, Eis86]. **Water-Filled** [Ped00]. **Waterston** [Hoy78].
Waterstons [Hoy78]. **wave** [Bac89, Blu22, Ger69, Sha73]. **Waves**
[Dar03, BYS⁺21a, BYS⁺21b, Don91, Kub70, RKH⁺21]. **Weber**
[vdW72a, vdW72a]. **Wechselwirkung** [Str92]. **Wechselwirkungen** [Neu81].
Wedderburn [Par85]. **wedge** [vB17]. **Wehrlé** [Dem24]. **Weierstraß**
[Neu81, Dug73, Haw77, Neu81, Spa91b, Ull89, Vie21, Ull89]. **Weierstrassian**
[Man75]. **Weierstraßschen** [Spa91b]. **Weil** [vdW71]. **well** [Hen01]. **Welle**
[Bac89]. **Wellenmechanik** [Ger69]. **were** [Jaë20, Bie87]. **West** [Ung74].
Western [MB03]. **Weyl** [Ker86]. **Whaples** [DS12]. **Whittaker**
[Cou10, Cou14, FN23]. **Who** [Wei78]. **whose** [Art85]. **widespread** [Sei76].
Wie [Bie87]. **Wiechert** [Sch82c, Sch84, Sch82c, Sch84, Sch85]. **Wigandus**
[Bus98, Bus98]. **Wilbraham** [HH79]. **Wilhelm** [Haw82]. **Wilhelmian**
[Pye82]. **Will** [Dia94]. **William**
[McC66, AG09, Man92, Mat78, Smi77, Wis81]. **Wilson** [Ras80]. **Wirken**
[Sch73]. **Wissenschaft** [Mit65, Sch82c]. **Wissenschaften** [Sch88]. **Witelos**
[Loh68, Loh68]. **witness** [Bre94b]. **witnesses** [Vin05]. **Wonders** [Ste01].
Woodin [Rit15]. **Work**
[She03, Bel10, Bul09, BN93, CPFA07, Del08, DF18, EQ21, Fen98, Fer07,
Ham76, IR16, Jao74, Kra92, Lüt84a, Lüt84b, OS14, Ros15, Rou80, Sch82a,
Sha78, She71a, She73c, She76, She78, She89b, She89a, She91a, She91b,
She94a, She95b, Tay82, Tay85, Taz93, Twe92, Wil82, vdW88a, SS05]. **works**
[Dah80, Dug76, ED09, Hog86, JW22, Mar93, Moo25, Sch73]. **workshop**
[AB19]. **worrying** [Yea11]. **writing** [Yiw20]. **writings** [CM15, GL19].
wurde [Car86]. **Würfe** [Nab08].

X [Ewa69, Arn84, For69]. **X-rays** [Ewa69, For69]. **XI** [Rās78]. **XII** [Rās78].
XIII [Ras83]. **XIV** [LD01, Ras83].

Yūsuf [Bre94b]. **Ya** [She91b]. **Yakov** [Fre74]. **Yan** [LA84]. **Yang** [Yon69]. **Ye** [LA84]. **Year** [Bel98, Abr84a, Bie81a, Bie81b, Bie81c, GS08, GS09, Her70, Not18, Swe80, vdW78b]. **years** [Cho11, Fri19, HB86, Joh84, Sch82a, Top71]. **Yi** [Gua10, LA84]. **Ying** [Gua10]. **Young** [Bik78]. **youthful** [GL19]. **Yunus** [Kin73].

Zij [CG94]. **Zacut** [GC18]. **Zahlbegriffs** [Spa91b]. **Zahlen** [Spa91a]. **zahlen-theoretische** [Hof60]. **Zahlentheorie** [Sch86]. **Zaragosa** [Rec94]. **Zarqalluh** [Moz24b]. **Zeit** [Sch82a]. **zero** [Kra12]. **zero-point** [Kra12]. **zeta** [Dut96b]. **zhang** [Lam94, Lam97]. **Zij** [Gol03, CG15, Moz22]. **Zipf** [RC23]. **Ziqpu** [RSW04]. **zodiac** [Bri10]. **zum** [Bec67, Bre94b, Sch82b, Pet63]. **Zur** [Pet61, Bie83a, Bus98, Hoy76, Kno74, Loh66, Neu73a, Sch75, Sch82c, Str92, Ull89, Vol87, Was71, Bur67, CFH⁺70, Ger82, Ras71, Sch86, Scr61, Vol89]. **Zusammenhang** [Hoy74, Rei92]. **Zusammenhänge** [Hof60]. **zwei** [Neu81, Bus98]. **zweiten** [Bie81a, Bie81b, Bie82, Bie83b, Bie87, Hof65]. **zwischen** [Bre94b, Neu81, Neu97, Spa91b, vdW72b].

References

- | | |
|--------------------------|---|
| | Ascher:1972:NRA |
| [AA72] | Marcia Ascher and Robert Ascher. Numbers and relations from ancient Andean quipus. <i>Archive for History of Exact Sciences</i> , 8(4):288–320, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=4&spage=288 . |
| Achilles:2012:EPT | |
| [AB12] | Rüdiger Achilles and Andrea Bonfiglioli. The early proofs of the theorem of Campbell, Baker, Hausdorff, and Dynkin. <i>Archive for History of Exact Sciences</i> , 66(3):295–358, May 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=3&spage=295 . |
| Anglade:2017:NIB | |
| [AB17] | Marie Anglade and Jean-Yves Briend. La notion d’involution dans le Brouillon Project de Girard Desargues. (French) [The notion of involution in the Brouillon Project of Girard Desargues]. <i>Archive for History of Exact Sciences</i> , 71(6):543–588, November 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL https://link.springer.com/article/10.1007/s00407-017-0196-5 . |

Anglade:2019:DTA

- [AB19] Marie Anglade and Jean-Yves Briand. Le diamètre et la traversale: dans l'atelier de Girard Desargues. (French) [The diameter and the cross: in the workshop of Girard Desargues]. *Archive for History of Exact Sciences*, 73(4):385–426, July 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Anglade:2022:ENB

- [AB22] Marie Anglade and Jean-Yves Briand. Nombrils, bruslans, autrement foyerz: la géométrie projective en action dans le brouillon project de Girard Desargues. *Archive for History of Exact Sciences*, 76(2):173–206, March 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00282-3>.

Aboav:2008:EBD

- [Abo08] David Aboav. Euclid's book on divisions of figures: a conjecture as to its origin. *Archive for History of Exact Sciences*, 62(6):603–612, November 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=6&spage=603>.

Abraham:1980:MSV

- [Abr80] George Abraham. The motion of the sun in the Vasiṣṭha Siddhānta. *Archive for History of Exact Sciences*, 22(1–2):1–3, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=1&spage=1>.

Abraham:1982:AFM

- [Abr82] George Abraham. Algebraic formulae for the Moon, Saturn and Jupiter in the *Pancasiddhāntikā*. *Archive for History of Exact Sciences*, 26(4):287–297, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=4&spage=287>.

Abraham:1984:LYP

- [Abr84a] George Abraham. Length of the year in pre-epicyclic planetary theory. *Archive for History of Exact Sciences*, 30(3–4):189–195,

- September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=3&spage=189>.
- Abraham:1984:MME**
- [Abr84b] George Abraham. The motion of Mars in Egyptian planetary tables. *Archive for History of Exact Sciences*, 30(1):1–6, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=1&spage=1>.
- Abraham:1985:TMS**
- [Abr85] George Abraham. Theories for the motion of the Sun in the Pancasiddhāntikā. *Archive for History of Exact Sciences*, 34(3):221–230, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=221>.
- Abraham:1986:MMR**
- [Abr86] George Abraham. The motion of the Moon in the Romaka Siddhānta. *Archive for History of Exact Sciences*, 35(4):325–328, December 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=4&spage=325>.
- Avellone:2002:FPG**
- [ABZ02] Maurizio Avellone, Aldo Brigaglia, and Carmela Zappulla. The foundations of projective geometry in Italy from De Paolis to Pieri. *Archive for History of Exact Sciences*, 56(5):363–425, July 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=5&spage=363>.
- Acerbi:2000:PPC**
- [Ace00] F. Acerbi. Plato: Parmenides 149a7–c3. A proof by complete induction? *Archive for History of Exact Sciences*, 55(1):57–76, August 2000. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=1&spage=57>.

Acerbi:2003:DMR

- [Ace03a] F. Acerbi. Drowning by multiples remarks on the Fifth Book of Euclid's *Elements*, with special emphasis on Prop. 8. *Archive for History of Exact Sciences*, 57(3):175–242, April 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=3&spage=175>.

Acerbi:2003:SH

- [Ace03b] F. Acerbi. On the Shoulders of Hipparchus. *Archive for History of Exact Sciences*, 57(6):465–502, September 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=6&spage=465>.

Acerbi:2005:RPN

- [Ace05] F. Acerbi. A reference to perfect numbers in Plato's Theaetetus. *Archive for History of Exact Sciences*, 59(4):319–348, May 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=4&spage=319>.

Acerbi:2008:EP

- [Ace08] Fabio Acerbi. Euclid's Pseudaria. *Archive for History of Exact Sciences*, 62(5):511–551, September 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=5&spage=511>.

Acerbi:2009:MDA

- [Ace09] Fabio Acerbi. The meaning of $\pi\lambda\alpha\sigma\mu\alpha\tau\iota\kappa\omega$ in Diophantus' Arithmetica. *Archive for History of Exact Sciences*, 63(1):5–31, January 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=1&spage=5>.

Acerbi:2011:GBM

- [Ace11a] Fabio Acerbi. The geometry of burning mirrors in Greek antiquity. Analysis, heuristic, projections, lemmatic fragmentation. *Archive for History of Exact Sciences*, 65(5):471–497, September 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=5&spage=471>.

Acerbi:2011:LSF

- [Ace11b] Fabio Acerbi. The language of the “Givens”: its forms and its use as a deductive tool in Greek mathematics. *Archive for History of Exact Sciences*, 65(2):119–153, March 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=2&spage=119>.

Acerbi:2019:TNC

- [Ace19] F. Acerbi. There is no *consequentia mirabilis* in Greek mathematics. *Archive for History of Exact Sciences*, 73(3):217–242, May 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Adelmann:2009:LWB

- [AG09] Clemens Adelmann and Eberhard H.-A. Gerbracht. Letters from William Burnside to Robert Fricke: automorphic functions, and the emergence of the Burnside Problem. *Archive for History of Exact Sciences*, 63(1):33–50, January 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=1&spage=33>.

Aydin:2015:REA

- [AH15] Nuh Aydin and Lakhdar Hammoudi. Root extraction by Al-Kashi and Stevin. *Archive for History of Exact Sciences*, 69 (3):291–310, May 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0150-3>.

Aiton:1972:LMR

- [Ait72] E. J. Aiton. Leibniz on motion in a resisting medium. *Archive for History of Exact Sciences*, 9(3):257–274, January 1972.

- CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=3&spage=257>.
- Aldrich:2009:BEM**
- [Ald09] John Aldrich. Burnside’s engagement with the “modern theory of statistics”. *Archive for History of Exact Sciences*, 63(1):51–79, January 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=1&spage=51>.
- Alvarez:1999:HSP**
- [Alv99] Carlos Alvarez. On the history of Souslin’s Problem. *Archive for History of Exact Sciences*, 54(3):181–242, August 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=3&spage=181>.
- Avigad:2014:CO**
- [AM14] Jeremy Avigad and Rebecca Morris. The concept of “character” in Dirichlet’s theorem on primes in an arithmetic progression. *Archive for History of Exact Sciences*, 68(3):265–326, May 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0126-0>.
- Ambrosi:2012:PEG**
- [Amb12] Gerhard Michael Ambrosi. Pre-Euclidean geometry and Aeginetan coin design: some further remarks. *Archive for History of Exact Sciences*, 66(5):557–583, September 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=5&spage=557>.
- Andersen:1985:CMI**
- [And85] Kirsti Andersen. Cavalieri’s method of indivisibles. *Archive for History of Exact Sciences*, 31(4):291–367, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=4&spage=291>.

Andersson:1994:PDH

- [And94] K. G. Andersson. Poincaré’s discovery of homoclinic points. *Archive for History of Exact Sciences*, 48(2):133–147, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=2&spage=133>. See [And94].

Anonymous:1981:EP

- [Ano81] Anonymous. Errata for part I. *Archive for History of Exact Sciences*, 25(2–3):267, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=2&spage=267>. See [Joh79].

Anonymous:2024:JN

- [Ano24] Anonymous. Journal navigation. *Archive for History of Exact Sciences*, 78(6):??, November 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Anonymous:2025:JN

- [Ano25] Anonymous. Journal navigation. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Aoki:1992:MTN

- [Aok92] Shinko Aoki. The Moon-test in Newton’s Principia: Accuracy of inverse-square law of universal gravitation. *Archive for History of Exact Sciences*, 44(2):147–190, June 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=2&spage=147>. See corrections and additions [Aok96].

Aoki:1996:CAS

- [Aok96] Shinko Aoki. Corrections and additions for “The Moon-test in Newton’s Principia: Accuracy of inverse-square law of universal gravitation”. *Archive for History of Exact Sciences*, 49(4):393–396, December 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=4&spage=393>. See [Aok92].

Arboleda:1979:DET

- [Arb79] L. C. Arboleda. Les Débuts de l’École Topologique Soviétique: Notes sur les lettres de Paul S. Alexandroff et Paul S. Urysohn à Maurice Fréchet. (French) [The beginnings of the Soviet Topology School: Notes on the letters of Paul S. Alexandroff et Paul S. Urysohn to Maurice Fréchet]. *Archive for History of Exact Sciences*, 20(1):73–89, March 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=1&spage=73>.

Arboleda:1981:RMF

- [Arb81] L. C. Arboleda. Les recherches de M. Fréchet, P. Alexandrov, W. Sierpinski et K. Kuratowski sur la théorie des types de dimensions et les Débuts de la topologie Générale. (French) [The research of M. Fréchet, P. Alexandrov, W. Sierpinski and K. Kuratowski on the theory of types of dimensions and the beginnings of general topology]. *Archive for History of Exact Sciences*, 24(4):339–388, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=4&spage=339>.

Ariotti:1972:ACD

- [Ari72] Piero E. Ariotti. Aspects of the conception and development of the pendulum in the 17th century. *Archive for History of Exact Sciences*, 8(5):329–410, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=5&spage=329>.

Arnold:1983:MPSa

- [Arn83a] D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). I. Physics in France after the revolution. *Archive for History of Exact Sciences*, 28(3):243–266, September 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=3&spage=243>.

Arnold:1983:MPNb

- [Arn83b] D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). II. The Laplacian program. *Archive for History of Exact Sciences*, 28(3):267–287, September 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=3&spage=267>.

Arnold:1983:MPSc

- [Arn83c] D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). III. Poisson: mathematician or physicist? *Archive for History of Exact Sciences*, 28(4):289–297, December 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=4&spage=289>.

Arnold:1983:MPNd

- [Arn83d] D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). IV. Disquiet with respect to Fourier’s treatment of heat. *Archive for History of Exact Sciences*, 28(4):299–320, December 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=4&spage=299>.

Arnold:1983:MPSi

- [Arn83e] D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). IX. Poisson’s closing synthesis: traité de physique mathématique. *Archive for History of Exact Sciences*, 29(1):73–94, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=1&spage=73>.

Arnold:1983:MPSe

- [Arn83f] D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach

to physical theory (1800–1840). V. Fresnel and the circular screen. *Archive for History of Exact Sciences*, 28(4):321–342, December 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=4&spage=321>.

Arnold:1983:MPSf

[Arn83g]

D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). VI. Elasticity: the crystallization of Poisson’s views on the nature of matter. *Archive for History of Exact Sciences*, 28(4):343–367, December 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=4&spage=343>.

Arnold:1983:MPSg

[Arn83h]

D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). VII. Mécanique physique. *Archive for History of Exact Sciences*, 29(1):37–51, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=1&spage=37>.

Arnold:1983:MPSh

[Arn83i]

D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). VIII. Applications of the mécanique physique. *Archive for History of Exact Sciences*, 29(1):53–72, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=1&spage=53>.

Arnold:1984:MPS

[Arn84]

D. H. Arnold. The mécanique physique of Siméon Denis Poisson: The evolution and isolation in France of his approach to physical theory (1800–1840). X. Some perspective on Poisson’s contributions to the emergence of mathematical physics. *Archive for History of Exact Sciences*, 29(4):287–307, December 1984. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=4&spage=287>.

Artmann:1985:VSD

- [Art85] Benno Artmann. Über voreuklidische “*Elemente*”, deren Autor Proportionen vermeid. (German) [On pre-Euclidean *Elements*, whose author avoided proportions]. *Archive for History of Exact Sciences*, 33(4):291–306, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=4&spage=291>.

Artmann:1988:VER

- [Art88] Benno Artmann. Über voreuklidische ‘Elemente der Raumgeometrie’ aus der Schule des Eudoxos. (German) [On pre-Euclidean ‘elements of spatial geometry’ in the School of Eudoxos]. *Archive for History of Exact Sciences*, 39(2):121–135, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=2&spage=121>.

Arthur:2013:LSI

- [Art13] Richard T. W. Arthur. Leibniz’s syncategorematic infinitesimals. *Archive for History of Exact Sciences*, 67(5):553–593, September 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0119-z>.

Ascher:1988:GCI

- [Asc88] Marcia Ascher. Graphs in cultures (II): a study in ethnomathematics. *Archive for History of Exact Sciences*, 39(1):75–95, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=1&spage=75>.

Archibald:2014:IEB

- [AT14] T. Archibald and R. Tazzioli. Integral equations between theory and practice: the cases of Italy and France to 1920. *Archive for History of Exact Sciences*, 68(5):547–597, September 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

- URL <http://link.springer.com/article/10.1007/s00407-013-0132-2>.
- Aubin:2017:BFM**
- [Aub17] David Aubin. Ballistics, fluid mechanics, and air resistance at Gâvre, 1829–1915. *Archive for History of Exact Sciences*, 71(6):509–542, November 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-017-0195-6>.
- Ayoub:1980:PRC**
- [Ayo80] Raymond G. Ayoub. Paolo Ruffini’s contributions to the quintic. *Archive for History of Exact Sciences*, 23(3):253–277, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=3&spage=253>.
- Ayoub:1984:LFC**
- [Ayo84] Raymond Ayoub. The lemniscate and Fagnano’s contributions to elliptic integrals. *Archive for History of Exact Sciences*, 29(2):131–149, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=2&spage=131>.
- Bachmakova:1963:MDA**
- [Bac63] I. G. Bachmakova. Les méthodes différentielles d’Archimède. *Archive for History of Exact Sciences*, 2(2):87–107, August 1963. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=87>.
- Bach:1989:FFA**
- [Bac89] Alexander Bach. Eine Fehlinterpretation mit Folgen: Albert Einstein und der Welle–Teilchen Dualismus. (German) [A misinterpretation with consequences: Albert Einstein and the wave–particle dualism]. *Archive for History of Exact Sciences*, 40(2):173–206, June 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=2&spage=173>.

- Bach:1990:BPD**
- [Bac90] Alexander Bach. Boltzmann’s probability distribution of 1877. *Archive for History of Exact Sciences*, 41(1):1–40, March 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=1&spage=1>.
- Bascelli:2014:GQU**
- [Bas14] Tiziana Bascelli. Galileo’s quanti: understanding infinitesimal magnitudes. *Archive for History of Exact Sciences*, 68(2): 121–136, March 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0124-2>.
- Bos:1997:ES**
- [BB97] Henk J. M. Bos and Jed Z. Buchwald. Editorial statement. *Archive for History of Exact Sciences*, 51(1):1, March 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=1&spage=1>.
- Brack-Bernsen:2020:BAN**
- [BB20] Lis Brack-Bernsen. Babylonian astronomy: a new understanding of column Φ . *Archive for History of Exact Sciences*, 74(6): 605–640, November 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-020-00254-z.pdf>.
- Bernard:2012:NAF**
- [BC12] Alain Bernard and Jean Christianidis. A new analytical framework for the understanding of Diophantus’s Arithmetica I–III. *Archive for History of Exact Sciences*, 66(1):1–69, January 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=1&spage=1>.
- Breard:2020:CBN**
- [BC20] Andrea Bréard and Constance A. Cook. Cracking bones and numbers: solving the enigma of numerical sequences on ancient Chinese artifacts. *Archive for History of Exact Sciences*, 74

(4):313–343, July 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00245-9>.

Beckmann:1967:NGB

[Bec67]

Friedhelm Beckmann. Neue Gesichtspunkte zum 5. Buch Euklids. (German) [New criteria on the 5th Book of Euclid]. *Archive for History of Exact Sciences*, 4(1–2):1–144, January 1967. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=1&spage=1>.

Bechler:1973:NSM

[Bec73]

Zev Bechler. Newton’s search for a mechanistic model of colour dispersion: a suggested interpretation. *Archive for History of Exact Sciences*, 11(1):1–37, March 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=1&spage=1>.

Beller:1985:PJI

[Bel85]

Mara Beller. Pascual Jordan’s influence on the discovery of Heisenberg’s indeterminacy principle. *Archive for History of Exact Sciences*, 33(4):337–349, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=4&spage=337>.

Beller:1988:AJM

[Bel88]

Eliyahu Beller. Ancient Jewish mathematical astronomy. *Archive for History of Exact Sciences*, 38(1):51–66, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=51>.

Bell:1991:LTC

[Bel91]

James F. Bell. The late-twentieth century resolution of a mid-nineteenth century dilemma generated by the eighteenth-century experiments of Ernst Chladni on the dynamics of rods. *Archive for History of Exact Sciences*, 43(3):251–273, September 1991. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=3&spage=251>.

Beller:1998:NDA

- [Bel98] Eliyahu Beller. A newly-discovered ancient value for the length of the year. *Archive for History of Exact Sciences*, 52(1):91–98, January 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=1&spage=91>.

Bell:2010:SEW

- [Bel10] Jordan Bell. A summary of Euler’s work on the pentagonal number theorem. *Archive for History of Exact Sciences*, 64(3):301–373, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Bernkopf:1966:DFS

- [Ber66] Michael Bernkopf. The development of function spaces with particular reference to their origins in integral equation theory. *Archive for History of Exact Sciences*, 3(1):1–96, January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=1&spage=1>.

Bernkopf:1968:HIM

- [Ber68] Michael Bernkopf. A history of infinite matrices. *Archive for History of Exact Sciences*, 4(4):308–358, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=4&spage=308>. A study of denumerably infinite linear systems as the first step in the history of operators defined on function spaces.

Berggren:1976:STA

- [Ber76] J. L. Berggren. Spurious theorems in Archimedes’ equilibrium of planes: Book I. *Archive for History of Exact Sciences*, 16(2):87–103, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=2&spage=87>.

Berggren:1991:PME

- [Ber91] J. L. Berggren. Ptolemy's maps of Earth and the heavens: a new interpretation. *Archive for History of Exact Sciences*, 43(2):133–144, June 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=2&spage=133>.

Bernard:2003:SAP

- [Ber03] Alain Bernard. Sophistic aspects of Pappus's Collection. *Archive for History of Exact Sciences*, 57(2):93–150, March 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=2&spage=93>.

Bartolozzi:1993:RSD

- [BF93] Margherita Bartolozzi and Raffaella Franci. La regola dei segni dall'enunciato di R. Descartes (1637) alla dimostrazione di C. F. Gauss (1828). (Italian) [The rule of signs enunciated by R. Descartes (1637) as demonstrated by C. F. Gauss (1828)]. *Archive for History of Exact Sciences*, 45(4):335–374, December 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=4&spage=335>.

Barrow-Green:1994:OIP

- [BG94] June Barrow-Green. Oscar II's prize competition and the error in Poincaré's memoir on the three body problem. *Archive for History of Exact Sciences*, 48(2):107–131, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=2&spage=107>.

Bowen:1996:GCM

- [BG96] Alan C. Bowen and Bernard R. Goldstein. Geminus and the concept of mean motion in Greco-Latin astronomy. *Archive for History of Exact Sciences*, 50(2):157–185, August 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=2&spage=157>.

Buchwald:2008:AHE

- [BG08] J. Z. Buchwald and J. J. Gray. The Archive for History of Exact Sciences expands its scope to include the history of modern biology. *Archive for History of Exact Sciences*, 62(6):601–602, November 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=6&spage=601>.

Buchwald:2009:JUT

- [BG09] J. Z. Buchwald and J. J. Gray. Journals under threat: a joint response from History of Science, Technology and Medicine Editors. *Archive for History of Exact Sciences*, 63(1):1–4, January 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=1&spage=1>.

Brazil:2014:HES

- [BGTZ14] Marcus Brazil, Ronald L. Graham, Doreen A. Thomas, and Martin Zachariasen. On the history of the Euclidean Steiner tree problem. *Archive for History of Exact Sciences*, 68(3):327–354, May 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0127-z>.

Bajri:2015:RAS

- [BHM15] Sanaa Bajri, John Hannah, and Clemency Montelle. Revisiting Al-Samaw’al’s table of binomial coefficients: Greek inspiration, diagrammatic reasoning and mathematical induction. *Archive for History of Exact Sciences*, 69(6):537–576, November 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0156-x>.

Bierhalter:1981:BMG

- [Bie81a] Günter Bierhalter. Boltzmanns mechanische Grundlegung des zweiten Hauptsatzes der Wärmelehre aus dem Jahre 1866. (German) [Boltzmann’s mechanical foundation of the second main clause of the Theory of Heat from the year 1866]. *Archive for History of Exact Sciences*, 24(3):195–205, September 1981. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=3&spage=195>.

Bierhalter:1981:CMG

- [Bie81b] Günter Bierhalter. Clausius' mechanische Grundlegung des zweiten Hauptsatzes der Wärmelehre aus dem Jahre 1871. (German) [Clausius's mechanical foundation of the second main clause of the caloric theory from the year 1871]. *Archive for History of Exact Sciences*, 24(3):207–220, September 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=3&spage=207>.

Bierhalter:1981:HJM

- [Bie81c] Günter Bierhalter. Zu Hermann von Helmholtz's mechanischer Grundlegung der Wärmelehre aus dem Jahre 1884. (German) [On Hermann von Helmholtz's of mechanical foundation of the caloric theory from the year 1884]. *Archive for History of Exact Sciences*, 25(1):71–84, March 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=1&spage=71>.

Bierhalter:1982:VSB

- [Bie82] Günter Bierhalter. Das Virialtheorem in seiner Beziehung zu den mechanischen Grundlegungen des zweiten Hauptsatzes der Wärmelehre. (German) [The Virial Theorem in its relationship with mechanical foundations of the second main clause of caloric theory]. *Archive for History of Exact Sciences*, 27(3):199–211, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=3&spage=199>.

Bierhalter:1983:VHM

- [Bie83a] Günter Bierhalter. Die v. Helmholtzschen Monozykel-Analogien zur Thermodynamik und das Clausiusche Disgregationskonzept. (German) [The von Helmholtz monocycle — analogies to thermodynamics and the Clausius disgregation concept]. *Archive for History of Exact Sciences*, 29(1):95–100, March 1983. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=1&spage=95>.

Bierhalter:1983:SVM

- [Bie83b] Günter Bierhalter. Zu Szilys Versuch einer mechanischen Grundlegung des zweiten Hauptsatzes der Thermodynamik. (German) [On Szilys' attempt at a mechanical foundation of the second main clause of thermodynamics]. *Archive for History of Exact Sciences*, 28(1):25–35, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=1&spage=25>.

Bierhalter:1985:MED

- [Bie85] Günter Bierhalter. Die mechanischen Entropie- und Disgregationskonzepte aus dem 19. Jahrhundert: ihre Grundlagen, ihr Versagen und ihr Entstehungshintergrund. (German) [Mechanical entropy and disgregations concepts from the 19th century: their basis, failure and developing background]. *Archive for History of Exact Sciences*, 32(1):17–41, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=1&spage=17>.

Bierhalter:1987:WEW

- [Bie87] Günter Bierhalter. Wie erfolgreich waren die im 19. Jahrhundert betriebenen Versuche einer mechanischen Grundlegung des zweiten Hauptsatzes der Thermodynamik?. (German) [Were 19th century attempts at a mechanical foundation of the second main clause of thermodynamics successful?]. *Archive for History of Exact Sciences*, 37(1):77–99, March 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=1&spage=77>.

Bierhalter:1992:BBJ

- [Bie92] Günter Bierhalter. Von L. Boltzmann bis J. J. Thomson: die Versuche einer mechanischen Grundlegung der Thermodynamik (1866–1890). (German) [From L. Boltzmann to J. J. Thomson: the search for a mechanical basis for thermodynamics

(1866–1890)]. *Archive for History of Exact Sciences*, 44(1):25–75, March 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=1&spage=25>.

Bien:2004:GBM

- [Bie04] Reinhold Bien. Gauß and beyond: The making of Easter algorithms. *Archive for History of Exact Sciences*, 58(5):439–452, July 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=5&spage=439>.

Bien:2007:VCC

- [Bie07] Reinhold Bien. Viète’s controversy with Clavius over the truly Gregorian calendar. *Archive for History of Exact Sciences*, 61(1):39–66, January 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=1&spage=39>.

Biggs:1983:MMC

- [Big83] N. L. Biggs. De Morgan on map colouring and the separation axiom. *Archive for History of Exact Sciences*, 28(2):165–170, June 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=2&spage=165>.

Biggs:2019:THC

- [Big19] Norman Biggs. Thomas Harriot on the coinage of England. *Archive for History of Exact Sciences*, 73(4):361–383, July 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-019-00228-w.pdf>.

Bikerman:1978:CBL

- [Bik78] J. J. Bikerman. Capillarity before Laplace: Clairaut, Segner, Monge, Young. *Archive for History of Exact Sciences*, 18(2):103–122, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=2&spage=103>.

[com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=2&spage=103.](http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=2&spage=103)

Bilodeau:1982:OED

- [Bil82] G. G. Bilodeau. The origin and early development of non-analytic infinitely differentiable functions. *Archive for History of Exact Sciences*, 27(2):115–135, June 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=2&spage=115>.

Bistafa:2022:EFT

- [Bis22] Sylvio R. Bistafa. Euler first theory of resonance. *Archive for History of Exact Sciences*, 76(3):207–221, May 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00280-5>.

Britton:2000:NBP

- [BJ00] John P. Britton and Alexander Jones. A new Babylonian planetary model in a Greek source. *Archive for History of Exact Sciences*, 54(4):349–373, January 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=4&spage=349>.

Blum:2024:QMR

- [BJ24] Alexander Blum and Martin Jähnert. Quantum mechanics, radiation, and the equivalence proof. *Archive for History of Exact Sciences*, 78(5):567–616, September 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00334-4>.

Blaasjo:2016:DGA

- [Blå16] Viktor Blåsjö. In defence of geometrical algebra. *Archive for History of Exact Sciences*, 70(3):325–359, May 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0169-5>.

Blum:2022:ESB

- [Blu22] Alexander S. Blum. Einstein’s second-biggest blunder: the mistake in the 1936 gravitational-wave manuscript of Albert Ein-

stein and Nathan Rosen. *Archive for History of Exact Sciences*, 76(6):623–632, November 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00295-6>.

Barone:1978:HAF

- [BN78] Jack Barone and Albert Novikoff. A history of the axiomatic formulation of probability from Borel to Kolmogorov: Part I. *Archive for History of Exact Sciences*, 18(2):123–190, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=2&spage=123>.

Brigaglia:1984:SGS

- [BN84] Aldo Brigaglia and Pietro Nastasi. Le soluzioni di Girolamo Saccheri e Giovanni Ceva al ‘geometram quaero’ di Ruggero Ventimiglia: Geometria proiettiva italiana nel tardo seicento. (Italian) [The solutions of Girolamo Saccheri and Giovanni Ceva for ‘Geometram quaero’ by Ruggero Ventimiglia: Italian projective geometry in the late sixteenth century]. *Archive for History of Exact Sciences*, 30(1):7–44, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=1&spage=7>.

Bergia:1988:RCE

- [BN88] S. Bergia and L. Navarro. Recurrences and continuity in Einstein’s research on radiation between 1905 and 1916. *Archive for History of Exact Sciences*, 38(1):79–99, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=79>.

Butzer:1993:AVP

- [BN93] P. L. Butzer and R. J. Nessel. Aspects of de La Vallée Poussin’s work in approximation and its influence. *Archive for History of Exact Sciences*, 46(1):67–95, March 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=1&spage=67>.

Bockstaele:2009:BVD

- [Boc09] Paul Bockstaele. Between Viète and Descartes: Adriaan van Roomen and the *Mathesis Universalis*. *Archive for History of Exact Sciences*, 63(4):433–470, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Bollinger:1972:GEH

- [Bol72] Maja Bollinger. Geschichtliche Entwicklung des Homologiebegriffs. (German) [Historical development of the terms of homology]. *Archive for History of Exact Sciences*, 9(2):94–170, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=2&spage=94>.

Boos:1985:STG

- [Boo85] William Boos. “The True” in Gottlob Frege’s “Über die Grundlagen der Geometrie” [“On the foundations of geometry”]. *Archive for History of Exact Sciences*, 34(1–2):141–192, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=1&spage=141>.

Borzacchini:2007:IMC

- [Bor07] Luigi Borzacchini. Incommensurability, music and continuum: a cognitive approach. *Archive for History of Exact Sciences*, 61(3):273–302, May 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=3&spage=273>.

Bos:1974:DHO

- [Bos74] H. J. M. Bos. Differentials, higher-order differentials and the derivative in the Leibnizian calculus. *Archive for History of Exact Sciences*, 14(1):1–90, March 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=1&spage=1>.

[Bos81]

H. J. M. Bos. On the representation of curves in Descartes' Géométrie. *Archive for History of Exact Sciences*, 24(4):295–338, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=4&spage=295>.

Bos:1981:RCD

[Bos84]

H. J. M. Bos. Arguments on motivation in the rise and decline of a mathematical theory; the “construction of equations”, 1637-ca.1750. *Archive for History of Exact Sciences*, 30(3–4):331–380, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=3&spage=331>.

Bos:1984:AMR

[Bot77a]

Umberto Bottazzini. Le funzioni a periodi multipli nella corrispondenza tra Hermite e Casorati. (Italian) [Multiple-periodic functions in the correspondence between Hermite and Casorati]. *Archive for History of Exact Sciences*, 18(1):39–88, March 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=1&spage=39>.

Bottazzini:1977:FPM

[Bot77b]

Umberto Bottazzini. Riemanns Einfluß auf E. Betti und F. Casorati. (German) [Riemann's influence on E. Betti and F. Casorati]. *Archive for History of Exact Sciences*, 18(1):27–37, March 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=1&spage=27>.

Bottazzini:1977:REB

[Bou13]

Jenny Boucard. Cyclotomie et formes quadratiques dans l'oeuvre arithmétique d'Augustin-Louis Cauchy (1829–1840). *Archive for History of Exact Sciences*, 67(4):349–414, July 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0115-3>.

Boucard:2013:CFQ

- Britton:2011:PRD**
- [BPS11] John P. Britton, Christine Proust, and Steve Shnider. Plimpton 322: a review and a different perspective. *Archive for History of Exact Sciences*, 65(5):519–566, September 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=5&spage=519>.
- Brakel:1985:PID**
- [Bra85] J. Brakel. The possible influence of the discovery of radio-active decay on the concept of physical probability. *Archive for History of Exact Sciences*, 31(4):369–385, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=4&spage=369>.
- Brackenridge:2003:NEQ**
- [Bra03] J. Bruce Brackenridge. Newton’s easy quadratures “omitted for the sake of brevity”. *Archive for History of Exact Sciences*, 57(4):313–336, May 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=4&spage=313>.
- Braating:2007:NLG**
- [Brå07] Kajsa Bråting. A new look at E. G. Björling and the Cauchy sum theorem. *Archive for History of Exact Sciences*, 61(5):519–535, September 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=5&spage=519>.
- Breitenberger:1984:GGA**
- [Bre84] Ernst Breitenberger. Gauss’s geodesy and the Axiom of Parallels. *Archive for History of Exact Sciences*, 31(3):273–289, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=3&spage=273>.
- Breger:1994:MAV**
- [Bre94a] Herbert Breger. The mysteries of adaequare: a vindication of Fermat. *Archive for History of Exact Sciences*, 46(3):193–219,

February 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=3&spage=193>.

Brentjes:1994:THA

[Bre94b]

Sonja Brentjes. Textzeugen und Hypothesen zum arabischen Euklid in der Überlieferung von al-Hağğāğ b. Yūsuf b. Maṭar (zwischen 786 und 833). (German) [Text witness and hypotheses on the Arabic Euclid in the narration of al-Hağğāğ b. Yūsuf b. Maṭar (between 786 und 833)]. *Archive for History of Exact Sciences*, 47(1):53–92, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=1&spage=53>.

Britton:2001:RST

[Bri01]

John P. Britton. Remarks on a system: a text for Venus: ACT 1050. *Archive for History of Exact Sciences*, 55(6):525–554, June 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=6&spage=525>.

Britton:2007:SBL

[Bri07]

John P. Britton. Studies in Babylonian lunar theory: Part I. Empirical elements for modeling lunar and solar anomalies. *Archive for History of Exact Sciences*, 61(2):83–145, March 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=2&spage=83>.

Britton:2009:SBL

[Bri09]

John P. Britton. Studies in Babylonian lunar theory. II. Treatments of lunar anomaly. *Archive for History of Exact Sciences*, 63(4):357–431, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Britton:2010:SBL

[Bri10]

John P. Britton. Studies in Babylonian lunar theory: part III. The introduction of the uniform zodiac. *Archive for History of Exact Sciences*, 64(6):617–663, November 2010. CO-

DEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
 URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=6&spage=617>.

Briend:2021:MPD

- [Bri21] Jean-Yves Briend. Mathématiques en perspective: Desargues, la Hire, le Poivre. *Archive for History of Exact Sciences*, 75(6):699–736, November 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00275-2>.

Bromberg:1967:MDC

- [Bro67] Joan Bromberg. Maxwell’s displacement current and his theory of light. *Archive for History of Exact Sciences*, 4(3):218–234, January 1967. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=3&spage=218>.

Brownson:1981:EOC

- [Bro81] C. D. Brownson. Euclid’s optics and its compatibility with linear perspective. *Archive for History of Exact Sciences*, 24(3):165–194, September 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=3&spage=165>.

Browne:2005:HMC

- [Bro05] L. W. B. Browne. Halley’s method for calculating the Earth-Sun distance. *Archive for History of Exact Sciences*, 59(3):251–266, March 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=3&spage=251>.

Bromberg:2016:ELL

- [Bro16] Joan Lisa Bromberg. Explaining the laser’s light: classical versus quantum electrodynamics in the 1960s. *Archive for History of Exact Sciences*, 70(3):243–266, May 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-015-0166-8>.

- Brush:1967:FSM**
- [Bru67] Stephen G. Brush. Foundations of statistical mechanics 1845–1915. *Archive for History of Exact Sciences*, 4(3):145–183, January 1967. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=3&spage=145>.
- Brush:1968:HRP**
- [Bru68] Stephen G. Brush. A history of random processes. I. Brownian motion from Brown to Perrin. *Archive for History of Exact Sciences*, 5(1):1–36, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=1&spage=1>.
- Brush:1973:DKT**
- [Bru73] Stephen G. Brush. The development of the kinetic theory of gases. *Archive for History of Exact Sciences*, 11(1):38–96, March 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=1&spage=38>.
- Brush:1974:DKT**
- [Bru74] Stephen G. Brush. The development of the kinetic theory of gases. *Archive for History of Exact Sciences*, 12(1):1–88, March 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=1&spage=1>.
- Bruin:1981:ARE**
- [Bru81] Frans Bruin. Atmospheric refraction and extinction near the horizon. *Archive for History of Exact Sciences*, 25(1):1–17, March 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=1&spage=1>.
- Bachmakova:1977:OTF**
- [BS77] I. G. Bachmakova and E. I. Slavutin. «Genesis triangulorum» de François Viète et ses recherches dans l’analyse indéterminée.

(French) [«Genesis triangulorum» of François Viète and his research in indeterminate analysis]. *Archive for History of Exact Sciences*, 16(4):289–306, December 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=4&spage=289>.

Benis-Sinaceur:1984:DHA

- [BS84] Hourya Benis-Sinaceur. De D. Hilbert à E. Artin: Les différents aspects du dix-septième problème et les filiations conceptuelles de la théorie des corps réels clos. (French) [From D. Hilbert to E. Artin: different aspects of the 17th problem and the conceptual relations of the theory of closed real bodies]. *Archive for History of Exact Sciences*, 29(3):267–286, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=3&spage=267>.

Benis-Sinaceur:1985:TAS

- [BS85] Hourya Benis-Sinaceur. La théorie d’artin et Schreier et l’analyse non-standard d’abraham Robinson. *Archive for History of Exact Sciences*, 34(3):257–264, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=257>.

Berggren:2007:ASD

- [BS07] J. L. Berggren and Nathan Sidoli. Aristarchus’s On the Sizes and Distances of the Sun and the Moon: Greek and Arabic texts. *Archive for History of Exact Sciences*, 61(3):213–254, May 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=3&spage=213>.

Belle:2022:GGC

- [BS22] Riccardo Bellé and Beatrice Sisana. Galileo Galilei and the centers of gravity of solids: a reconstruction based on a newly discovered version of the conical frustum contained in manuscript UCLA 170/624. *Archive for History of Exact Sciences*, 76(5):471–511, September 2022. CODEN AHESAN. ISSN 0003-9519

(print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00289-4>.

Butzer:1988:OHC

[BSS88]

P. L. Butzer, M. Schmidt, and E. L. Stark. Observations on the history of central B-splines. *Archive for History of Exact Sciences*, 39(2):137–156, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=2&spage=137>.

Buchwald:1980:EID

[Buc80a]

Jed Z. Buchwald. Experimental investigations of double refraction from Huygens to Malus. *Archive for History of Exact Sciences*, 21(4):311–373, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=4&spage=311>.

Buchwald:1980:OTP

[Buc80b]

Jed Z. Buchwald. Optics and the theory of the punctiform ether. *Archive for History of Exact Sciences*, 21(3):245–278, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=3&spage=245>.

Buchwald:2001:PDB

[Buc01]

Jed Z. Buchwald. A potential disagreement between Helmholtz and Hertz. *Archive for History of Exact Sciences*, 55(4):365–393, January 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=4&spage=365>.

Buchwald:2006:DME

[Buc06]

Jed Z. Buchwald. Discrepant measurements and experimental knowledge in the early modern era. *Archive for History of Exact Sciences*, 60(6):565–649, November 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=6&spage=565>.

Buchwald:2007:HMD

- [Buc07] Jed Z. Buchwald. Huygens' methods for determining optical parameters in birefringence. *Archive for History of Exact Sciences*, 61(1):67–81, January 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=1&spage=67>.

Bullynck:2009:RGC

- [Bul09] Maarten Bullynck. Reading Gauss in the computer age: on the U.S. reception of Gauss's number-theoretical work (1938–1989). *Archive for History of Exact Sciences*, 63(5):553–580, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Burckhardt:1967:GER

- [Bur67] J. J. Burckhardt. Zur Geschichte der Entdeckung der 230 Raumgruppen. (German) [On the history of the discovery of the 230 space groups]. *Archive for History of Exact Sciences*, 4(3):235–246, January 1967. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=3&spage=235>.

Burckhardt:1971:BFS

- [Bur71] J. J. Burckhardt. Der Briefwechsel von E. S. von Fedorow und A. Schoenflies, 1889–1908. (German) [Letters between E. S. von Fedorow and A. Schoenflies, 1889–1908]. *Archive for History of Exact Sciences*, 7(2):91–141, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=2&spage=91>.

Burckhardt:1972:BFF

- [Bur72] J. J. Burckhardt. Der Briefwechsel von E. S. von Fedorow und F. Klein, 1893. (German) [Letters between E. S. von Fedorow and F. Klein, 1893]. *Archive for History of Exact Sciences*, 9(2):85–93, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=2&spage=85>.

Busard:1965:PGD

- [Bus65a] H. L. L. Busard. The Practica Geometriae of Dominicus de Clavasio. *Archive for History of Exact Sciences*, 2(6):520–575, December 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=6&spage=520>.

Busard:1965:URE

- [Bus65b] H. L. L. Busard. Unendliche Reihen in A est unum calidum. (German) [Infinite series in A est unum calidum]. *Archive for History of Exact Sciences*, 2(5):387–397, August 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=5&spage=387>.

Busard:1998:ZMT

- [Bus98] H. L. L. Busard. Zwei mittelalterliche Texte zur theoretischen Mathematik: Die *Arithmetica speculativa* von Thomas Bradwardine und die *Theorica numerorum* von Wigandus Durnheimer. (German) [Two medieval texts of theoretical mathematics: The *Arithmetica speculativa* of Thomas Bradwardine and the *Theorica numerorum* of Wigandus Durnheimer]. *Archive for History of Exact Sciences*, 53(2):97–124, June 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=2&spage=97>.

Bussotti:2019:MCF

- [Bus19] Paolo Bussotti. Michel Chasles' foundational programme for geometry until the publication of his *Aperçu historique*. *Archive for History of Exact Sciences*, 73(3):261–308, May 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Buchwald:2016:KTO

- [BY16] Jed Z. Buchwald and Chen-Pang Yeang. Kirchhoff's theory for optical diffraction, its predecessor and subsequent development: the resilience of an inconsistent theory. *Archive for History of Exact Sciences*, 70(5):463–511, September 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

URL <http://link.springer.com/article/10.1007/s00407-016-0176-1>.

Buchwald:2021:CWH

- [BYS⁺21a] Jed Buchwald, Chen-Pang Yeang, Noah Stemeroff, Jenifer Barton, and Quinn Harrington. Correction to: What Heinrich Hertz discovered about electric waves in 1887–1888. *Archive for History of Exact Sciences*, 75(2):173, March 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-020-00267-8.pdf>. See [BYS⁺21b].

Buchwald:2021:WHH

- [BYS⁺21b] Jed Buchwald, Chen-Pang Yeang, Noah Stemeroff, Jenifer Barton, and Quinn Harrington. What Heinrich Hertz discovered about electric waves in 1887–1888. *Archive for History of Exact Sciences*, 75(2):125–171, March 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). See correction [BYS⁺21a].

Calinger:1976:ELP

- [Cal76] Ronald Calinger. Euler’s “Letters to a princess of Germany” as an expression of his mature scientific outlook. *Archive for History of Exact Sciences*, 15(3):211–233, September 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=3&page=211>.

Cao:1991:RPA

- [Cao91] Tian Yu Cao. The reggeization program 1962–1982: Attempts at reconciling quantum field theory with S-matrix theory. *Archive for History of Exact Sciences*, 41(3):239–283, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=3&page=239>.

Caparrini:2002:DVR

- [Cap02] Sandro Caparrini. The discovery of the vector representation of moments and angular velocity. *Archive for History of Exact Sciences*, 56(2):151–181, January 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://>

www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=2&spage=151.

Carrier:1986:BEA

- [Car86] Martin Carrier. Die begriffliche Entwicklung der Affinitätstheorie im 18. Jahrhundert Newtons Traum- und was daraus wurde. (German) [The conceptual development of affinity theory in 18th century: Newton's dream and what it became]. *Archive for History of Exact Sciences*, 36(4):327–389, December 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=4&spage=327>.
- [Car09] Christián C. Carman. Rounding numbers: Ptolemy's calculation of the Earth–Sun distance. *Archive for History of Exact Sciences*, 63(2):205–242, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- [Car14] Christián C. Carman. Two problems in Aristarchus's treatise on the sizes and distances of the sun and moon. *Archive for History of Exact Sciences*, 68(1):35–65, January 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0123-3>.
- [Car17] Christián C. Carman. Martianus Capella's calculation of the size of the Moon. *Archive for History of Exact Sciences*, 71(2):193–210, March 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-016-0185-0>.
- [Car18] Christián C. Carman. The first Copernican was Copernicus: the difference between Pre–Copernican and Copernican heliocentrism. *Archive for History of Exact Sciences*, 72(1):1–20, January 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- [Car20] Christián C. Carman. Tycho Brahe's *Calculi ad Corrigenda Elementa Orbitae Saturni* and the technical aspects of his planetary

Carman:2014:TPA

Carman:2017:MCC

Carman:2018:FCW

Carman:2020:TBC

model of Saturn. *Archive for History of Exact Sciences*, 74(6):565–586, November 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Carman:2021:GIJ

- [Car21] Christián C. Carman. The gravitational influence of Jupiter on the Ptolemaic value for the eccentricity of Saturn. *Archive for History of Exact Sciences*, 75(4):439–454, July 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-020-00271-y>.

Carman:2025:WGM

- [Car25] Christián C. Carman. When genius met data: Kepler’s first exploration of Tycho’s observations. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00344-2>.

Casey:1992:PR

- [Cas92] James Casey. The principle of rigidification. *Archive for History of Exact Sciences*, 43(4):329–383, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=4&spage=329>.

Ciliberto:2013:PDP

- [CD13] Ciro Ciliberto and Emma Sallent Del Colombo. Pasquale del Pezzo, Duke of Caianello, Neapolitan mathematician. *Archive for History of Exact Sciences*, 67(2):171–214, March 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0110-0>.

Carman:2014:EAM

- [CE14] Christián C. Carman and James Evans. On the epoch of the Antikythera mechanism and its eclipse predictor. *Archive for History of Exact Sciences*, 68(6):693–774, November 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0145-5>; <http://www.scientificcomputing.com/news/2014/12/worlds-oldest-computer-ancient-greek-antikythera-mechanism-100-years-older-previously-believed>.

Capobianco:2017:GAE

- [CEF17] Giovanni Capobianco, Maria Rosaria Enea, and Giovanni Ferraro. Geometry and analysis in Euler’s integral calculus. *Archive for History of Exact Sciences*, 71(1):1–38, January 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-016-0179-y>.

Cenadelli:2010:SGS

- [Cen10] Davide Cenadelli. Solving the Giant Stars problem: Theories of stellar evolution from the 1930s to the 1950s. *Archive for History of Exact Sciences*, 64(2):203–267, March 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=2&spage=203>.

Contro:1970:KPC

- [CFH⁺70] Walter Salvator Contro, Johannes Viktor Feitzinger, Rolf Hartmann, Friedrich W. Ihloff, Hans-Georg Märkl, Friedemann Rex, Matthias Schramm, and Horst Zehe. Zur Kinematik der Planetenbewegung in Copernicus’ *Commentariolus* (German) [On the kinematics of planetary motion in Copernicus’ *Commentariolus*]. *Archive for History of Exact Sciences*, 6(5):360–371, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=5&spage=360>.

Carazza:1980:NDK

- [CG80] B. Carazza and G. P. Guidetti. La nascita dell’equazione di Klein–Gordon. (Italian) [The origin of the Klein–Gordon equation]. *Archive for History of Exact Sciences*, 22(4):373–383, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=4&spage=373>.

Carazza:1986:CEM

- [CG86] B. Carazza and G. P. Guidetti. The Casimir electron model. *Archive for History of Exact Sciences*, 35(3):273–279, September 1986. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=3&spage=273>.

Chabas:1994:AAA

- [CG94] José Chabás and Bernard R. Goldstein. Andalusian astronomy: al-Zij al-Muqtabis of Ibn al-Kammâd. *Archive for History of Exact Sciences*, 48(1):1–41, March 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=1&spage=1>.

Chabas:2013:DTL

- [CG13] José Chabás and Bernard R. Goldstein. Displaced tables in Latin: the Tables for the Seven Planets for 1340. *Archive for History of Exact Sciences*, 67(1):1–42, January 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0106-9>.

Chabas:2015:IAK

- [CG15] José Chabás and Bernard R. Goldstein. Ibn al-Kammad's *Muqtabis zij* and the astronomical tradition of Indian origin in the Iberian Peninsula. *Archive for History of Exact Sciences*, 69(6):577–650, November 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0158-8>.

Chabas:2019:MMM

- [CG19] José Chabás and Bernard R. Goldstein. The medieval Moon in a matrix: double argument tables for lunar motion. *Archive for History of Exact Sciences*, 73(4):335–359, July 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

CardonaSuarez:2020:LRK

- [CG20] Carlos Alberto Cardona Suárez and Juliana Gutiérrez Valderrama. The law of refraction and Kepler's heuristics. *Archive for History of Exact Sciences*, 74(1):45–75, January 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-019-00236-w.pdf>.

Christidis:1987:HRM

- [CGM87] Theodore Christidis, Yorgos Goudaroulis, and Maria Mikou. The heuristic role of mathematics in the initial development of superconductivity theory. *Archive for History of Exact Sciences*, 37(2):183–191, June 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=2&spage=183>.

Chapman:1962:AHG

- [Cha62] Sydney Chapman. Alexander von Humboldt and geomagnetic science. *Archive for History of Exact Sciences*, 2(1):41–51, August 1962. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=1&spage=41>.

Chabas:1991:ATJ

- [Cha91] José Chabás. The astronomical tables of Jacob ben David Bon-jorn. *Archive for History of Exact Sciences*, 42(4):279–314, December 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=4&spage=279>.

Chabas:2004:ACE

- [Cha04] José Chabás. Astronomy for the Court in the early sixteenth century: Alfonso de Córdoba and his *Tabule Atronomice Elisabeth Regine*. *Archive for History of Exact Sciences*, 58(3):183–217, March 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=3&spage=183>.

Chalmers:2015:RBM

- [Cha15] Alan Chalmers. Robert Boyle’s mechanical account of hydrostatics and pneumatics: fluidity, the spring of the air and their relationship to the concept of pressure. *Archive for History of Exact Sciences*, 69(5):429–454, September 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0159-7>.

- Chabas:2016:ATM**
- [Cha16] José Chabás. An analysis of the *Tabulae magistrales* by Giovanni Bianchini. *Archive for History of Exact Sciences*, 70(5):543–552, September 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-016-0178-z>.
- Chen:1997:DPL**
- [Che97] Xiang Chen. The debate on the “polarity of light” during the optical revolution. *Archive for History of Exact Sciences*, 50(3–4):359–393, September 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=3&spage=359>.
- Chen:2015:TTE**
- [Che15] Jiang-Ping Jeff Chen. Trigonometric tables: explicating their construction principles in China. *Archive for History of Exact Sciences*, 69(5):491–536, September 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0162-z>.
- Chorlay:2010:PSC**
- [Cho10] Renaud Chorlay. From problems to structures: the Cousin problems and the emergence of the sheaf concept. *Archive for History of Exact Sciences*, 64(1):1–73, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- Chorlay:2011:SGF**
- [Cho11] Renaud Chorlay. “local–global”: the first twenty years. *Archive for History of Exact Sciences*, 65(1):1–66, January 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=1&spage=1>.
- Ciccoli:2015:FFR**
- [Cic15] N. Ciccoli. Fantappiè’s “final relativity” and deformations of Lie algebras. *Archive for History of Exact Sciences*, 69(3):311–326, May 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0151-2>.

Ciocci:2022:FCL

- [Cio22] Argante Ciocci. Federico Commandino and the Latin edition of Pappus' *Collection*. *Archive for History of Exact Sciences*, 76(2):129–151, March 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00284-1>.

Ciocci:2023:FCH

- [Cio23a] Argante Ciocci. Federico Commandino and his Latin edition of Aristarchus's *On the Sizes and Distances of the Sun and the Moon*. *Archive for History of Exact Sciences*, 77(1):1–23, January 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00294-7>.

Ciocci:2023:FCL

- [Cio23b] Argante Ciocci. Federico Commandino and the Latin edition of Apollonius's *Conics* (1566). *Archive for History of Exact Sciences*, 77(4):393–421, July 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00307-z>.

Ciocci:2025:PAU

- [Cio25] Argante Ciocci. The problem of Apollonius in the Urbino School. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00339-z>.

Chemla:2015:HDE

- [CM15] Karine Chemla and Biao Ma. How do the earliest known mathematical writings highlight the state's management of grains in early imperial China? *Archive for History of Exact Sciences*, 69(1):1–53, January 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0139-3>.

Cogliati:2011:GCK

- [Cog11] Alberto Cogliati. On the genesis of the Cartan–Kähler theory. *Archive for History of Exact Sciences*, 65(4):397–435, July 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=4&spage=397>.

Cogliati:2014:JTT

- [Cog14] Alberto Cogliati. On Jacobi’s transformation theory of elliptic functions. *Archive for History of Exact Sciences*, 68(4):529–545, July 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0131-3>.

Cogliati:2015:VTC

- [Cog15] Alberto Cogliati. Variations on a theme: Clifford’s parallelism in elliptic space. *Archive for History of Exact Sciences*, 69(4):363–390, July 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0154-z>.

Cogliati:2022:VGA

- [Cog22] Alberto Cogliati. Vitali’s generalized absolute differential calculus. *Archive for History of Exact Sciences*, 76(1):15–43, January 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00273-4>.

Cogliati:2024:SRH

- [Cog24] Alberto Cogliati. Some remarks on the history of Ricci’s absolute differential calculus. *Archive for History of Exact Sciences*, 78(6):717–761, November 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00336-2>.

Cohen:1998:NDM

- [Coh98] I. Bernard Cohen. Newton’s determination of the masses and densities of the Sun, Jupiter, Saturn, and the Earth. *Archive for History of Exact Sciences*, 53(1):83–95, May 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=1&spage=83>.

Collison:1977:OCB

- [Col77] Mary Joan Collison. The origins of the cubic and biquadratic reciprocity laws. *Archive for History of Exact Sciences*, 17(1):63–69, May 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=1&spage=63>.

Contro:1976:PH

- [Con76] Walter S. Contro. Von Pasch zu Hilbert. (German) [From Pasch to Hilbert]. *Archive for History of Exact Sciences*, 15(3):283–295, September 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=3&spage=283>.

Confalonieri:2015:CIC

- [Con15] Sara Confalonieri. The casus irreducibilis in Cardano’s *Ars Magna* and *De Regula Aliza*. *Archive for History of Exact Sciences*, 69(3):257–289, May 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0149-9>.

Confalonieri:2018:FAC

- [Con18] Sara Confalonieri. A further analysis of Cardano’s main tool in the *De Regula Aliza*: on the origins of the splittings. *Archive for History of Exact Sciences*, 72(3):303–352, May 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Cooke:1993:UTS

- [Coo93] Roger Cooke. Uniqueness of trigonometric series and descriptive set theory, 1870–1985. *Archive for History of Exact Sciences*, 45(4):281–334, December 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=4&spage=281>.

Corry:1997:DHA

- [Cor97a] Leo Corry. David Hilbert and the axiomatization of physics (1894–1905). *Archive for History of Exact Sciences*, 51(2):83–198, June 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=2&spage=83>.

Corry:1997:HMP

- [Cor97b] Leo Corry. Hermann Minkowski and the postulate of relativity. *Archive for History of Exact Sciences*, 51(4):273–314, December 1997. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=4&spage=273>.

Corry:1999:DHB

- [Cor99] Leo Corry. David Hilbert between mechanical and electromagnetic reductionism (1910–1915). *Archive for History of Exact Sciences*, 53(6):489–527, January 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=6&spage=489>.

Corry:2008:NCV

- [Cor08] Leo Corry. Number crunching vs. number theory: computers and FLT, from Kummer to SWAC (1850–1960), and beyond. *Archive for History of Exact Sciences*, 62(4):393–455, July 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=4&spage=393>.

Corry:2013:GAM

- [Cor13] Leo Corry. Geometry and arithmetic in the medieval traditions of Euclid’s *Elements*: a view from Book II. *Archive for History of Exact Sciences*, 67(6):637–705, November 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0121-5>.

Coutinho:2004:QRN

- [Cou04] S. C. Coutinho. Quotient rings of noncommutative rings in the first half of the 20th century. *Archive for History of Exact Sciences*, 58(3):255–281, March 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=3&spage=255>.

Coutinho:2010:LCP

- [Cou10] S. C. Coutinho. A lost chapter in the pre-history of algebraic analysis: Whittaker on contact transformations. *Archive for History of Exact Sciences*, 64(6):665–706, November 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=6&spage=665>.

- Coutinho:2014:WAD**
- [Cou14] S. C. Coutinho. Whittaker’s analytical dynamics: a biography. *Archive for History of Exact Sciences*, 68(3):355–407, May 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0133-1>.
- Castelao:2007:NSE**
- [CPFA07] José-Miguel Pacheco Castelao, F. Javier Pérez-Fernández, and Carlos-Oswaldo Suárez Alemán. Numerical solving of equations in the work of José Mariano Vallejo. *Archive for History of Exact Sciences*, 61(5):537–552, September 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=5&spage=537>.
- Capecchi:2007:PCC**
- [CR07] Danilo Capecchi and Giuseppe C. Ruta. Piola’s contribution to continuum mechanics. *Archive for History of Exact Sciences*, 61(4):303–342, July 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=4&spage=303>.
- Carman:2019:PPM**
- [CR19] Christián C. Carman and Gonzalo L. Recio. Ptolemaic planetary models and Kepler’s laws. *Archive for History of Exact Sciences*, 73(1):39–124, January 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- Craik:2013:CCR**
- [Cra13] Alex D. D. Craik. “continuity and change”: representing mass conservation in fluid mechanics. *Archive for History of Exact Sciences*, 67(1):43–80, January 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0108-7>.
- Capecchi:2010:CVM**
- [CRT10] Danilo Capecchi, Giuseppe Ruta, and Patrizia Trovalusci. From classical to Voigt’s molecular models in elasticity. *Archive for History of Exact Sciences*, 64(5):525–559, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

- Cardin:2024:LCS**
- [CT24] Franco Cardin and Rossana Tazzioli. Levi-Civita simplifies Einstein. The Ricci rotation coefficients and unified field theories. *Archive for History of Exact Sciences*, 78(1):87–126, January 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00322-0>.
- Dahan:1980:TCS**
- [Dah80] Amy Dahan. Les travaux de Cauchy sur les substitutions. Étude de son approche du concept de groupe. (French) [The works of Cauchy on substitutions: Study of his approach to the group concept]. *Archive for History of Exact Sciences*, 23(4):279–319, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=4&spage=279>.
- Dais:2021:IGD**
- [Dai21] Photis Dais. Impact of Gibbs' and Duhem's approaches to thermodynamics on the development of chemical thermodynamics. *Archive for History of Exact Sciences*, 75(2):175–248, March 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- Dale:1982:BLE**
- [Dal82] A. I. Dale. Bayes or Laplace? An examination of the origin and early applications of Bayes' Theorem. *Archive for History of Exact Sciences*, 27(1):23–47, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=1&spage=23>.
- Dale:1986:NDR**
- [Dal86] A. I. Dale. A newly-discovered result of Thomas Bayes. *Archive for History of Exact Sciences*, 35(2):101–113, June 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=2&spage=101>.
- Dalmedico:2001:HEM**
- [Dal01] Amy Dahan Dalmédico. History and epistemology of models: Meteorology (1946–1963) as a case study. *Archive for History of*

- Exact Sciences*, 55(5):395–422, April 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=5&spage=395>.
- Martins:1997:BCU**
- [dAM97] Roberto de Andrade Martins. Becquerel and the choice of uranium compounds. *Archive for History of Exact Sciences*, 51(1):67–81, March 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=1&spage=67>.
- Darrigol:1993:ERG**
- [Dar93] Olivier Darrigol. The electrodynamic revolution in Germany as documented by early German expositions of “Maxwell’s theory”. *Archive for History of Exact Sciences*, 45(3):189–280, September 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.jstor.org/stable/41133949>; <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=3&spage=189>.
- Darrigol:2002:BHE**
- [Dar02] Olivier Darrigol. Between hydrodynamics and elasticity theory: The first five births of the Navier–Stokes equation. *Archive for History of Exact Sciences*, 56(2):95–150, January 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=2&spage=95>.
- Darrigol:2003:SHE**
- [Dar03] Olivier Darrigol. The spirited horse, the engineer, and the mathematician: Water waves in nineteenth-century hydrodynamics. *Archive for History of Exact Sciences*, 58(1):21–95, November 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=1&spage=21>.
- Darrigol:2007:AOH**
- [Dar07] Olivier Darrigol. The acoustic origins of harmonic analysis. *Archive for History of Exact Sciences*, 61(4):343–424,

July 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=4&spage=343>.

Darrigol:2020:DNS

- [Dar20] Olivier Darrigol. Deducing Newton’s second law from relativity principles: a forgotten history. *Archive for History of Exact Sciences*, 74(1):1–43, January 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Dauben:1971:TBG

- [Dau71] Joseph W. Dauben. The trigonometric background to Georg Cantor’s theory of sets. *Archive for History of Exact Sciences*, 7(3):181–216, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=3&spage=181>.

Dauben:2008:ESS

- [Dau08a] Joseph W. Dauben. Erratum: Suan Shu Shu: a book on numbers and computations: English translation with commentary. *Archive for History of Exact Sciences*, 62(3):347, May 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=3&spage=347>. See [Dau08b].

Dauben:2008:SSS

- [Dau08b] Joseph W. Dauben. Suan Shu Shu: a book on numbers and computations: English translation with commentary. *Archive for History of Exact Sciences*, 62(2):91–178, March 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=2&spage=91>. Translated from the Chinese and with commentary by Joseph W. Dauben. See erratum [Dau08a].

Davies:1986:CRB

- [Dav86] Mansel Davies. Charles Rugeley Bury and his contributions to physical chemistry. *Archive for History of Exact Sciences*, 36(1):75–90, March 1986. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=75>.

Davies:1990:CRB

[Dav90]

Mansel Davies. C. R. Bury, L. Vegard, and the electronic interpretation of the periodic table. A note. *Archive for History of Exact Sciences*, 41(2):185–187, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=185>.

Davis:2003:MAL

[Dav03]

A. E. L. Davis. The mathematics of the area law: Kepler's successful proof in Epitome Astronomiae Copernicanae (1621). *Archive for History of Exact Sciences*, 57(5):355–393, July 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=5&spage=355>.

deClark:2016:DMP

[dC16]

Sybil G. de Clark. The dimensions of the magnetic pole: a controversy at the heart of early dimensional analysis. *Archive for History of Exact Sciences*, 70(3):293–324, May 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0168-6>.

DeYoung:2012:FAR

[De 12]

Gregg De Young. Further adventures of the Rome 1594 Arabic redaction of Euclid's Elements. *Archive for History of Exact Sciences*, 66(3):265–294, May 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=3&spage=265>.

DeRisi:2016:DEA

[De 16]

Vincenzo De Risi. The development of Euclidean axiomatics. *Archive for History of Exact Sciences*, 70(6):591–676, November 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-015-0173-9.pdf>.

Deakin:1981:DLT

- [Dea81] Michael A. B. Deakin. The development of the Laplace transform, 1737–1937 I. Euler to Spitzer, 1737–1880. *Archive for History of Exact Sciences*, 25(4):343–390, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=4&spage=343>.

Deakin:1982:DLT

- [Dea82] Michael A. B. Deakin. The development of the Laplace Transform, 1737–1937 II. Poincaré to Doetsch, 1880–1937. *Archive for History of Exact Sciences*, 26(4):351–381, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=4&spage=351>.

Deakin:1985:EII

- [Dea85] Michael A. B. Deakin. Euler’s invention of integral transforms. *Archive for History of Exact Sciences*, 33(4):307–319, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=4&spage=307>.

Deakin:1988:NCA

- [Dea88] Michael A. B. Deakin. Nineteenth century anticipations of modern theory of dynamical systems. *Archive for History of Exact Sciences*, 39(2):183–194, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=2&spage=183>.

Deakin:1992:ALT

- [Dea92] Michael A. B. Deakin. The ascendancy of the Laplace transform and how it came about. *Archive for History of Exact Sciences*, 44(3):265–286, September 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=3&spage=265>.

Detlefsen:1976:CRN

- [DEHY76] Michael Detlefsen, Douglas K. Erlandson, J. Clark Heston, and Charles M. Young. Computation with Roman numerals. *Archive for History of Exact Sciences*, 15(2):141–148, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=2&spage=141>.

Delsedime:1970:LNA

- [Del70] Piero Delsedime. L’infini numérique dans l’Arénaire d’Archimède. (French) [Numerical infinity in the Arénaire of Archimedes]. *Archive for History of Exact Sciences*, 6(5):345–359, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=5&spage=345>.

DelCentina:2008:UMS

- [Del08] Andrea Del Centina. Unpublished manuscripts of Sophie Germain and a revaluation of her work on Fermat’s Last Theorem. *Archive for History of Exact Sciences*, 62(4):349–392, July 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=4&spage=349>.

Delcourt:2011:AGH

- [Del11] Jean Delcourt. Analyse et géométrie, histoire des courbes gauches De Clairaut à Darboux. (French) [Analysis and geometry: history of ruled curves De Clairaut to Darboux]. *Archive for History of Exact Sciences*, 65(3):229–293, May 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=3&spage=229>.

DelCentina:2016:KSC

- [Del16a] Andrea Del Centina. On Kepler’s system of conics in *Astronomiae pars optica*. *Archive for History of Exact Sciences*, 70(6):567–589, November 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-016-0175-2>.

Centina:2016:PPL

- [Del16b] Andrea Del Centina. Poncelet’s porism: a long story of renewed discoveries, I. *Archive for History of Exact Sciences*, 70(1):1–122, January 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0163-y>.

DelCentina:2016:PPL

- [Del16c] Andrea Del Centina. Poncelet’s porism: a long story of renewed discoveries, II. *Archive for History of Exact Sciences*, 70(2):123–173, March 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0164-x>.

DelCentina:2020:PMH

- [Del20] Andrea Del Centina. Pascal’s mystic hexagram, and a conjectural restoration of his lost treatise on conic sections. *Archive for History of Exact Sciences*, 74(5):469–521, September 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

DelCentina:2022:BPJ

- [Del22a] Andrea Del Centina. Brianchon and Poncelet’s joint memoir, the nine-point circle, and beyond. *Archive for History of Exact Sciences*, 76(4):363–390, July 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00286-7>.

DelCentina:2022:CTT

- [Del22b] Andrea Del Centina. Carnot’s theory of transversals and its applications by Servois and Brianchon: the awakening of synthetic geometry in France. *Archive for History of Exact Sciences*, 76(1):45–128, January 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00276-1>.

DelCentina:2022:DCI

- [Del22c] Andrea Del Centina. Desargues’s concepts of involution and transversal, their origin, and possible sources of inspiration. *Archive for History of Exact Sciences*, 76(6):573–622, November 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00296-5>.

- [Dem82]** S. S. Demidov. The study of partial differential equations of the first order in the 18th and 19th centuries. *Archive for History of Exact Sciences*, 26(4):325–350, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=4&spage=325>.
- [Dem83]** S. S. Demidov. On the history of the theory of linear differential equations. *Archive for History of Exact Sciences*, 28(4):369–387, December 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=4&spage=369>.
- [Dem24]** Antonietta Demuro. The turbulence theory of P. Wehrlé and G. Dedeabant (1934–1948): a forgotten probabilistic approach? *Archive for History of Exact Sciences*, 78(5):523–566, September 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00332-6>.
- [DF12]** Andrea Del Centina and Alessandra Fiocca. The correspondence between Sophie Germain and Carl Friedrich Gauss. *Archive for History of Exact Sciences*, 66(6):585–700, November 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=6&spage=585>.
- [DF18]** Andrea Del Centina and Alessandra Fiocca. “A masterly though neglected work”, Boscovich’s treatise on conic sections. *Archive for History of Exact Sciences*, 72(4):453–495, July 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- [DF20]** Andrea Del Centina and Alessandra Fiocca. Borelli’s edition of books V-VII of Apollonius’s *Conics*, and Lemma 12 in Newton’s *Principia*. *Archive for History of Exact Sciences*, 74

(3):255–279, May 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00244-w>.

Dragovic:2020:PPF

- [DG20] Vladimir Dragović and Irina Goryuchkina. Polygons of Petrović and Fine, algebraic ODEs, and contemporary mathematics. *Archive for History of Exact Sciences*, 74(6):523–564, November 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Dhombres:1986:QAH

- [Dho86] J. Dhombres. Quelques aspects de l’histoire des équations fonctionnelles liés à l’évolution du concept de fonction. (French) [Some aspects of the history of functional equations connected to the concept of a function]. *Archive for History of Exact Sciences*, 36(2):91–181, June 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=2&spage=91>.

Dias:1994:WSS

- [Dia94] Penha Maria Cardoso Dias. “Will someone say exactly what the H -theorem proves?” A study of Burbury’s Condition A and Maxwell’s Proposition II. *Archive for History of Exact Sciences*, 46(4):341–366, December 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=4&spage=341>.

Dias:1999:ESB

- [Dia99] Penha Maria Cardoso Dias. Euler’s “harmony” between the principles of “rest” and “least action”: The conceptual making of analytical mechanics. *Archive for History of Exact Sciences*, 54(1):67–86, April 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=1&spage=67>.

Dill:1992:KTR

- [Dil92] Ellis Harold Dill. Kirchhoff’s theory of rods. *Archive for History of Exact Sciences*, 44(1):1–23, March 1992. CODEN AHESAN.

ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=1&spage=1>.

Duncan:2007:VURa

[DJ07a]

Anthony Duncan and Michel Janssen. On the verge of Umdeutung [reinterpretation] in Minnesota: Van Vleck and the Correspondence Principle. Part one. *Archive for History of Exact Sciences*, 61(6):553–624, November 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=6&spage=553>.

Duncan:2007:VURb

[DJ07b]

Anthony Duncan and Michel Janssen. On the verge of Umdeutung [reinterpretation] in Minnesota: Van Vleck and the Correspondence Principle. Part two. *Archive for History of Exact Sciences*, 61(6):625–671, November 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=6&spage=625>.

deJong:2019:SBPa

[dJ19a]

Teije de Jong. A study of Babylonian planetary theory I. The outer planets. *Archive for History of Exact Sciences*, 73(1):1–37, January 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-018-0216-0.pdf>.

deJong:2019:SBPb

[dJ19b]

Teije de Jong. A study of Babylonian planetary theory II. The planet Venus. *Archive for History of Exact Sciences*, 73(4):309–333, July 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-019-00224-0.pdf>.

deJong:2021:SBP

[dJ21]

Teije de Jong. A study of Babylonian planetary theory III. The planet Mercury. *Archive for History of Exact Sciences*, 75(5):491–522, September 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-020-00269-6>.

- deJong:2020:BOU**
- [dJH20] Teije de Jong and Hermann Hunger. Babylonian observations of a unique planetary configuration. *Archive for History of Exact Sciences*, 74(6):587–603, November 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-020-00252-1.pdf>.
- deOliveira:1988:ACC**
- [dO88] A. J. Franco de Oliveira. Anastácio da Cunha and the concept of convergent series. *Archive for History of Exact Sciences*, 39(1):1–12, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=1&spage=1>.
- Dobson:1998:NPR**
- [Dob98] Geoffrey J. Dobson. Newton’s problems with rigid body dynamics in the light of his treatment of the precession of the equinoxes. *Archive for History of Exact Sciences*, 53(2):125–145, June 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=2&spage=125>.
- Dobson:1999:ACI**
- [Dob99a] Geoffrey J. Dobson. Against Chandrasekhar’s interpretation of Newton’s treatment of the precession of the equinoxes. *Archive for History of Exact Sciences*, 53(6):577–597, January 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=6&spage=577>.
- Dobson:1999:NER**
- [Dob99b] Geoffrey J. Dobson. Newton’s errors with the rotational motion of fluids. *Archive for History of Exact Sciences*, 54(3):243–254, August 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=3&spage=243>.

Dobson:2001:LPB

- [Dob01] Geoffrey J. Dobson. On Lemmas 1 and 2 to Proposition 39 of Book 3 of Newton’s Principia. *Archive for History of Exact Sciences*, 55(4):345–363, January 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=4&spage=345>.

Domingues:2023:GAA

- [Dom23] João Caramalho Domingues. Geometry and analysis in Anastácio da Cunha’s calculus. *Archive for History of Exact Sciences*, 77(6):579–600, November 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00313-1>.

Doncel:1991:PHC

- [Don91] Manuel G. Doncel. On the process of Hertz’s conversion to Hertzian waves. *Archive for History of Exact Sciences*, 43(1):1–27, March 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=1&spage=1>.

Dong:2021:HMR

- [Don21] Hao Dong. Hobbes’s model of refraction and derivation of the sine law. *Archive for History of Exact Sciences*, 75(3):323–348, May 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Dostrovsky:1975:EVT

- [Dos75] Sigalia Dostrovsky. Early vibration theory: Physics and music in the seventeenth century. *Archive for History of Exact Sciences*, 14(3):169–218, September 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=3&spage=169>.

Dias:1995:CIC

- [DPC95] Penha Maria Cardoso Dias, Simone Pinheiro Pinto, and Deise-mar Hollanda Cassiano. The conceptual import of Carnot’s theorem to the discovery of the entropy. *Archive for History of Exact Sciences*, 49(2):135–161, June 1995. CODEN AHESAN.

ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=2&spage=135>.

Dumbaugh:2012:CEA

- [DS12] Della Dumbaugh and Joachim Schwermer. The collaboration of Emil Artin and George Whaples: Artin’s mathematical circle extends to America. *Archive for History of Exact Sciences*, 66(5):465–484, September 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=5&spage=465>.

Ducheyne:2011:TUG

- [Duc11] Steffen Ducheyne. Testing universal gravitation in the laboratory, or the significance of research on the mean density of the earth and big G , 1798–1898: changing pursuits and long-term methodological-experimental continuity. *Archive for History of Exact Sciences*, 65(2):181–227, March 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=2&spage=181>.

Dugac:1973:EAK

- [Dug73] Pierre Dugac. Eléments d’analyse de Karl Weierstrass. (French) [Elements of analysis of Karl Weierstrass]. *Archive for History of Exact Sciences*, 10(1–2):41–176, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=10&issue=1&spage=41>.

Dugac:1976:NDV

- [Dug76] Pierre Dugac. Notes et documents sur la vie et l’oeuvre de René Baire. (French) [Notes and documents on the life and works of René Baire]. *Archive for History of Exact Sciences*, 15(4):297–383, December 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=4&spage=297>.

Duke:2002:ABA

- [Duk02a] Dennis W. Duke. Associations between the ancient star catalogues. *Archive for History of Exact Sciences*, 56(5):435–

450, July 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=5&spage=435>.

Duke:2002:HCS

- [Duk02b] Dennis W. Duke. Hipparchus' coordinate system. *Archive for History of Exact Sciences*, 56(5):427–433, July 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=5&spage=427>.

Duke:2005:EIM

- [Duk05a] Dennis Duke. The Equant in India: The mathematical basis of ancient Indian planetary models. *Archive for History of Exact Sciences*, 59(6):563–576, October 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=6&spage=563>.

Duke:2005:PTO

- [Duk05b] Dennis Duke. Ptolemy's treatment of the outer planets. *Archive for History of Exact Sciences*, 59(2):169–187, January 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=2&spage=169>.

Duke:2007:SLA

- [Duk07] Dennis W. Duke. The second lunar anomaly in ancient Indian astronomy. *Archive for History of Exact Sciences*, 61(2):147–157, March 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=2&spage=147>.

Duke:2008:MML

- [Duk08] Dennis W. Duke. Mean motions and longitudes in Indian astronomy. *Archive for History of Exact Sciences*, 62(5):489–509, September 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=5&spage=489>.

- Duke:2009:MMP**
- [Duk09] Dennis Duke. Mean motions in Ptolemy’s planetary hypotheses. *Archive for History of Exact Sciences*, 63(6):635–654, November 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=6&spage=635>.
- Duke:2010:GAB**
- [Duk10] Dennis Duke. Greek angles from Babylonian numbers. *Archive for History of Exact Sciences*, 64(3):375–394, May 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=3&spage=375>.
- Dutka:1981:IBF**
- [Dut81] Jacques Dutka. The incomplete beta function — a historical profile. *Archive for History of Exact Sciences*, 24(1):11–29, March 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=1&spage=11>.
- Dutka:1982:WPB**
- [Dut82] Jacques Dutka. Wallis’s product, Brouncker’s continued fraction, and Leibniz’s series. *Archive for History of Exact Sciences*, 26(2):115–126, June 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=2&spage=115>.
- Dutka:1984:EHH**
- [Dut84] Jacques Dutka. The early history of the hypergeometric function. *Archive for History of Exact Sciences*, 31(1):15–34, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=1&spage=15>.
- Dutka:1985:PRF**
- [Dut85] Jacques Dutka. On the problem of random flights. *Archive for History of Exact Sciences*, 32(3–4):351–375, September 1985. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=3&spage=351>.

Dutka:1986:SRT

- [Dut86] Jacques Dutka. On square roots and their representations. *Archive for History of Exact Sciences*, 36(1):21–39, March 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=21>.

Dutka:1988:SPP

- [Dut88] Jacques Dutka. On the St. Petersburg paradox. *Archive for History of Exact Sciences*, 39(1):13–39, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=1&spage=13>.

Dutka:1990:RAM

- [Dut90] Jacques Dutka. Robert Adrain and the method of least squares. *Archive for History of Exact Sciences*, 41(2):171–184, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=171>.

Dutka:1991:EHF

- [Dut91] Jacques Dutka. The early history of the factorial function. *Archive for History of Exact Sciences*, 43(3):225–249, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=3&spage=225>.

Dutka:1993:SME

- [Dut93] Jacques Dutka. "Eratosthenes' measurement of the Earth reconsidered". *Archive for History of Exact Sciences*, 46(1):55–66, March 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=1&spage=55>.

[Dut95]

Jacques Dutka. On the early history of Bessel functions. *Archive for History of Exact Sciences*, 49(2):105–134, June 1995. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=2&spage=105>.

Dutka:1995:EHB

[Dut96a]

Jacques Dutka. On Gauss' priority in the discovery of the method of least squares. *Archive for History of Exact Sciences*, 49(4):355–370, December 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=4&spage=355>.

Dutka:1996:GPD

[Dut96b]

Jacques Dutka. On the summation of some divergent series of Euler and the zeta functions. *Archive for History of Exact Sciences*, 50(2):187–200, August 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=2&spage=187>.

Dutka:1996:SSD

[Dut97]

Jacques Dutka. A note on ‘Kepler’s equation’. *Archive for History of Exact Sciences*, 51(1):59–65, March 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=1&spage=59>.

Dutka:1997:NKE

[Ear01]

John Earman. Lambda: The constant that refuses to die. *Archive for History of Exact Sciences*, 55(3):189–220, January 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=3&spage=189>.

Earman:2001:LCR

[Eas70]

Bruce S. Eastwood. Metaphysical derivations of a law of refraction: Damianos and Grosseteste. *Archive for History of Exact Sciences*, 6(3):224–236, January 1970. CODEN AHESAN.

Eastwood:1970:MDL

ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=3&spage=224>.

Evans:2019:BST

- [EC19] James Evans and Christián C. Carman. Babylonian solar theory on the Antikythera mechanism. *Archive for History of Exact Sciences*, 73(6):619–659, November 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Eckert:2002:EFS

- [Eck02] Michael Eckert. Euler and the Fountains of Sanssouci. *Archive for History of Exact Sciences*, 56(6):451–468, November 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=6&spage=451>.

Eckert:2021:PFG

- [Eck21] Michael Eckert. Pipe flow: a gateway to turbulence. *Archive for History of Exact Sciences*, 75(3):249–282, May 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-020-00263-y.pdf>.

Eckert:2024:EPH

- [Eck24] Michael Eckert. The efflux problem: how hydraulics became divorced from hydrodynamics. *Archive for History of Exact Sciences*, 78(2):127–152, March 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00320-2>.

Esteve:2009:EBI

- [ED09] Ma Rosa Massa Esteve and Amadeu Delshams. Euler’s beta integral in Pietro Mengoli’s works. *Archive for History of Exact Sciences*, 63(3):325–356, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Edwards:1975:BKP

- [Edw75] Harold M. Edwards. The background of Kummer’s proof of Fermat’s last theorem for regular primes. *Archive for History of Exact Sciences*, 14(3):219–236, September 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=3&spage=219>. See [Edw77].

Edwards:1977:PBK

- [Edw77] Harold M. Edwards. Postscript to “The background of Kummer’s proof . . .”. *Archive for History of Exact Sciences*, 17(4):381–394, July 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=4&spage=381>. See [Edw75].

Edwards:1980:GIT

- [Edw80] Harold M. Edwards. The genesis of ideal theory. *Archive for History of Exact Sciences*, 23(4):321–378, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=4&spage=321>.

Edwards:1990:NGT

- [Edw90] Harold M. Edwards. A note on Galois theory. *Archive for History of Exact Sciences*, 41(2):163–169, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=163>.

Earman:1978:EHT

- [EG78] John Earman and Clark Glymour. Einstein and Hilbert: Two months in the history of General Relativity. *Archive for History of Exact Sciences*, 19(3):291–308, September 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=3&spage=291>.

Ehberger:2022:LDT

- [Ehb22] Markus Ehberger. “The language of Dirac’s theory of radiation”: the inception and initial reception of a tool for the quantum field theorist. *Archive for History of Exact Sciences*, 76(6):531–571, November 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00293-8>. See correction [Ehb23].

Ehberger:2023:CLD

- [Ehb23] Markus Ehberger. Correction to: “The language of Dirac’s theory of radiation”: the inception and initial reception of a tool for the quantum field theorist. *Archive for History of Exact Sciences*, 77(1):121–122, January 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00300-y>. See [Ehb22].

Ehrlich:2006:RNA

- [Ehr06] Philip Ehrlich. The rise of non-Archimedean mathematics and the roots of a misconception I: the emergence of non-Archimedean systems of magnitudes. *Archive for History of Exact Sciences*, 60(1):1–121, January 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=1&spage=1>.

Eisenstaedt:1982:HSS

- [Eis82] J. Eisenstaedt. Histoire et singularités de la solution de Schwarzschild (1915–1923). (French) [History and singularities of Schwarzschild’s solution (1915–1923)]. *Archive for History of Exact Sciences*, 27(2):157–198, June 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=2&spage=157>.

Eisenstaedt:1986:RGE

- [Eis86] Jean Eisenstaedt. La relativité générale à l’étiage: 1925–1955. (French) [General Relativity at low-water level: 1925–1955]. *Archive for History of Exact Sciences*, 35(2):115–185, June 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=2&spage=115>.

Eisenstaedt:1987:TIS

- [Eis87] J. Eisenstaedt. Trajectoires et impasses de la solution de Schwarzschild. (French) [Trajectories and blocks in Schwarzschild’s solution]. *Archive for History of Exact Sciences*, 37(4):275–357, December 1987. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=4&spage=275>.

Eisenstaedt:1991:IGP

- [Eis91] J. Eisenstaedt. De l'influence de la gravitation sur la propagation de la lumière en théorie newtonienne. L'archéologie des trous noirs. (French) [On the influence of gravitation on the propagation of light in Newtonian theory. The archaeology of black holes]. *Archive for History of Exact Sciences*, 42(4):315–386, December 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=4&spage=315>.

Eisenstaedt:1996:LBN

- [Eis96] Jean Eisenstaedt. L'optique balistique newtonienne à l'épreuve des satellites de Jupiter. (French) [Newtonian ballistic optics tested by Jupiter's satellites]. *Archive for History of Exact Sciences*, 50(2):117–156, August 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=2&spage=117>.

Edwards:1982:DSB

- [ENP82] Harold Edwards, Olaf Neumann, and Walter Purkert. Dedekinds “Bunte Bemerkungen” zu Kroneckers “Grundzüge”. (German) [Dedekind's “multicolored remark” on Kronecker's “Outlines”]. *Archive for History of Exact Sciences*, 27(1):49–85, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=1&spage=49>.

Epple:1998:TMS

- [Epp98] Moritz Epple. Topology, matter, and space, I: Topological notions in 19th-century natural philosophy. *Archive for History of Exact Sciences*, 52(4):297–392, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=4&spage=297>.

Esquisabel:2021:FPI

- [EQ21] Oscar M. Esquisabel and Federico Raffo Quintana. Fiction, possibility and impossibility: three kinds of mathematical fictions in Leibniz’s work. *Archive for History of Exact Sciences*, 75(6):613–647, November 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00277-0>.

Evans:1976:SEG

- [Eva76] Gillian R. Evans. The “sub-euclidean” geometry of the earlier middle ages, up to the mid-twelfth century. *Archive for History of Exact Sciences*, 16(2):105–118, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=2&spage=105>.

Ewald:1969:MMC

- [Ewa69] P. P. Ewald. The myth of myths; comments on P. Forman’s paper on “The discovery of the diffraction of X-rays in crystals”. *Archive for History of Exact Sciences*, 6(1):72–81, January 1969. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=1&spage=72>. See [For69].

Feigenbaum:1985:BTM

- [Fei85] L. Feigenbaum. Brook Taylor and the method of increments. *Archive for History of Exact Sciences*, 34(1–2):1–140, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=1&spage=1>.

Fenster:1998:LED

- [Fen98] Della Dumbaugh Fenster. Leonard Eugene Dickson and his work in the Arithmetics of Algebras. *Archive for History of Exact Sciences*, 52(2):119–159, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=2&spage=119>.

Ferreiros:1996:TLE

- [Fer96] José Ferreirós. Traditional logic and the early history of sets, 1854–1908. *Archive for History of Exact Sciences*, 50(1):5–71, March 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=1&spage=5>.

Ferraro:1999:FMD

- [Fer99] Giovanni Ferraro. The first modern definition of the sum of a divergent series: An aspect of the rise of 20th century mathematics. *Archive for History of Exact Sciences*, 54(2):101–135, June 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=2&spage=101>.

Ferraro:2007:FAG

- [Fer07] Giovanni Ferraro. The foundational aspects of Gauss’s work on the hypergeometric, factorial and digamma functions. *Archive for History of Exact Sciences*, 61(5):457–518, September 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=5&spage=457>.

Ferreiro:2014:MIA

- [Fer14] Larrie D. Ferreiro. The mutual influence of aircraft aerodynamics and ship hydrodynamics in theory and experiment. *Archive for History of Exact Sciences*, 68(2):241–263, March 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0129-x>.

Friedman:2023:FTT

- [FG23] Michael Friedman and David Garber. On fluidity of the textual transmission in Abraham bar Hiyya’s *Hibbur ha-Meshiah ve-ha-Tishboret*. *Archive for History of Exact Sciences*, 77(2):123–174, March 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00297-4>.

Fenaroli:1981:GSS

- [FGP81] Giuseppina Fenaroli, Ubaldo Garibaldi, and M. Antonietta Penco. Giochi, scommesse sulla vita, tabelle di mortalità: Nascita del calcolo probabilistico, statistica e teoria delle popolazioni. (Italian) [Giochi, bets on life, mortality tables: the birth of the calculus of probability, statistics, and population theory]. *Archive for History of Exact Sciences*, 25(4):329–341, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=4&spage=329>.

Fincke:2021:BSA

- [FHR21] Jeanette C. Fincke, Wayne Horowitz, and Eshbal Ratzon. BM 76829: a small astronomical fragment with important implications for the Late Babylonian Astronomy and the Astronomical Book of Enoch. *Archive for History of Exact Sciences*, 75(3):349–368, May 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Field:1984:LAJ

- [Fie84] J. V. Field. A Lutheran astrologer: Johannes Kepler. *Archive for History of Exact Sciences*, 31(3):189–272, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=3&spage=189>.

Field:1997:RAP

- [Fie97] J. V. Field. Rediscovering the Archimedean Polyhedra: Piero della Francesca, Luca Pacioli, Leonardo da Vinci, Albrecht Dürer, Daniele Barbaro, and Johannes Kepler. *Archive for History of Exact Sciences*, 50(3–4):241–289, September 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=3&spage=241>.

Fisher:1966:DMT

- [Fis66] Charles S. Fisher. The death of a mathematical theory: a study in the sociology of knowledge. *Archive for History of Exact Sciences*, 3(2):137–159, January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=2&spage=137>.

Fisher:1981:IIQ

- [Fis81] Gordon Fisher. The infinite and infinitesimal quantities of du Bois-Reymond and their reception. *Archive for History of Exact Sciences*, 24(2):101–163, June 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=2&spage=101>.

Fisch:1999:MPT

- [Fis99] Menachem Fisch. The making of Peacock’s Treatise on Algebra: a case of creative indecision. *Archive for History of Exact Sciences*, 54(2):137–179, June 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=2&spage=137>.

Fraser:2023:CTJ

- [FN23] Craig Fraser and Michiyo Nakane. Canonical transformations from Jacobi to Whittaker. *Archive for History of Exact Sciences*, 77(3):241–343, May 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00303-9>.

Forman:1969:DDX

- [For69] Paul Forman. The discovery of the diffraction of X-rays by crystals; a critique of the myths. *Archive for History of Exact Sciences*, 6(1):38–71, January 1969. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=1&spage=38>. See comments [Ewa69].

Fowler:1980:BIE

- [Fow80] D. H. Fowler. Book II of Euclid’s Elements and a pre-Eudoxan theory of ratio. *Archive for History of Exact Sciences*, 22(1–2):5–36, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=1&spage=5>.

Fowler:1981:ARE

- [Fow81] D. H. Fowler. Anthyphairetic ratio and Eudoxan proportion. *Archive for History of Exact Sciences*, 24(2):69–72,

June 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=2&spage=69>.

Fowler:1982:BIE

- [Fow82] D. H. Fowler. Book II of Euclid's Elements and a pre-Eudoxan theory of ratio. part 2: Sides and diameters. *Archive for History of Exact Sciences*, 26(3):193–209, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=2&spage=193>.

Fowler:1991:ATU

- [Fow91] D. H. Fowler. An approximation technique, and its use by Wallis and Taylor. *Archive for History of Exact Sciences*, 41(3):189–233, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=3&spage=189>.

Ferraro:2012:LTA

- [FP12] Giovanni Ferraro and Marco Panza. Lagrange's theory of analytical functions and his ideal of purity of method. *Archive for History of Exact Sciences*, 66(2):95–197, March 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=2&spage=95>.

Fraser:1983:JLE

- [Fra83] Craig Fraser. J. L. Lagrange's early contributions to the principles and methods of mechanics. *Archive for History of Exact Sciences*, 28(3):197–241, September 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=3&spage=197>.

Fraser:1985:JLC

- [Fra85] Craig Fraser. J. L. Lagrange's changing approach to the foundations of the calculus of variations. *Archive for History of Exact Sciences*, 32(2):151–191, June 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=2&spage=151>.

www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=2&spage=151.

Fraser:1989:CAA

- [Fra89] Craig G. Fraser. The calculus as algebraic analysis: Some observations on mathematical analysis in the 18th century. *Archive for History of Exact Sciences*, 39(4):317–335, December 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=4&spage=317>.

Fraser:1994:OEV

- [Fra94] Craig G. Fraser. The origins of Euler’s variational calculus. *Archive for History of Exact Sciences*, 47(2):103–141, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=2&spage=103>.

Franchella:1997:ODK

- [Fra97] Miriam Franchella. On the origins of Dénes König’s infinity lemma. *Archive for History of Exact Sciences*, 51(1):3–27, March 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=1&spage=3>.

Franklin:1998:SPE

- [Fra98] Allan Franklin. Selectivity and the production of experimental results “Any fool can take data. It’s taking good data that counts.” E. Commins (private communication). *Archive for History of Exact Sciences*, 53(5):399–485, November 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=5&spage=399>.

Franklin:2004:DMA

- [Fra04] Allan Franklin. Doing much about nothing. *Archive for History of Exact Sciences*, 58(4):323–379, May 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=4&spage=323>.

Frank:2013:MTC

- [Fra13] Martin Frank. Mathematics, technics, and courtly life in Late Renaissance Urbino. *Archive for History of Exact Sciences*, 67(3):305–330, May 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0113-5>.

Freudenthal:1971:DCP

- [Fre71] H. Freudenthal. Did Cauchy plagiarize Bolzano? *Archive for History of Exact Sciences*, 7(5):375–392, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=5&spage=375>.

Frenkel:1974:YJI

- [Fre74] Victor J. Frenkel. Yakov (James) Il'ich Frenkel (1894–1952): Materials for his scientific biography. *Archive for History of Exact Sciences*, 13(1):1–26, March 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=1&spage=1>.

Freudenthal:1977:WAW

- [Fre77] Hans Freudenthal. What is algebra and what has it been in history? *Archive for History of Exact Sciences*, 16(3):189–200, September 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=3&spage=189>.

Freudenthal:1991:NGI

- [Fre91] Hans Freudenthal. Nichteuclidische Geometrie im Altertum?. (German) [Non-Euclidean geometry in antiquity]. *Archive for History of Exact Sciences*, 43(3):189–197, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=3&spage=189>.

Friberg:2014:GDP

- [Fri14] Jöran Friberg. Geometric division problems, quadratic equations, and recursive geometric algorithms in Mesopotamian

mathematics. *Archive for History of Exact Sciences*, 68(1):1–34, January 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0122-4>.

Friberg:2019:TTY

- [Fri19] Jörn Friberg. Three thousand years of sexagesimal numbers in Mesopotamian mathematical texts. *Archive for History of Exact Sciences*, 73(2):183–216, March 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-019-00221-3.pdf>.

Friedman:2020:HNC

- [Fri20] Michael Friedman. How to notate a crossing of strings? On Modesto Dedò’s notation of braids. *Archive for History of Exact Sciences*, 74(4):281–312, July 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00238-8>.

Froman:1994:HBT

- [Frö94] Per Olof Fröman. Historical background of the Tachyon concept. *Archive for History of Exact Sciences*, 48(3–4):373–380, September 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=3&spage=373>.

Fenster:2005:DCA

- [FS05] Della D. Fenster and Joachim Schwermer. A delicate collaboration: Adrian Albert and Helmut Hasse and the Principal Theorem in Division Algebras in the early 1930’s. *Archive for History of Exact Sciences*, 59(4):349–379, May 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=4&spage=349>.

Fenster:2007:BCF

- [FS07] Della D. Fenster and Joachim Schwermer. Beyond class field theory: Helmut Hasse’s arithmetic in the theory of algebras in early 1931. *Archive for History of Exact Sciences*, 61(5):425–456, September 2007. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=5&spage=425>.

Figari:2013:ECT

- [FT13] Rodolfo Figari and Alessandro Teta. Emergence of classical trajectories in quantum systems: the cloud chamber problem in the analysis of Mott (1929). *Archive for History of Exact Sciences*, 67(2):215–234, March 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0111-z>.

Galuzzi:1980:PDT

- [Gal80] Massimo Galuzzi. Il problema delle tangenti nella “Géométrie” di Descartes. (Italian) [The problem of tangents in Descartes’s Geometry]. *Archive for History of Exact Sciences*, 22(1–2):37–51, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=1&spage=37>.

Galuzzi:2001:GNA

- [Gal01] Massimo Galuzzi. Galois’ note on the approximative solution of numerical equations (1830). *Archive for History of Exact Sciences*, 56(1):29–37, November 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=1&spage=29>.

Galeriu:2017:ECH

- [Gal17] Calin Galeriu. Electric charge in hyperbolic motion: the early history. *Archive for History of Exact Sciences*, 71(4):363–378, July 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Gaarding:1989:HMD

- [Går89a] Lars Gårding. History of the mathematics of double refraction. *Archive for History of Exact Sciences*, 40(4):355–385, December 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=4&spage=355>.

Gario:1989:RSS

- [Gar89b] Paola Gario. Resolution of singularities of surfaces by P. Del Pezzo. A mathematical controversy with C. Segre. *Archive for History of Exact Sciences*, 40(3):247–274, September 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=3&spage=247>.

Gario:1991:SGS

- [Gar91] Paola Gario. Singolarità e geometria sopra una superficie nella corrispondenza di C. Segre a G. Castelnuovo. (Italian) [Singularity and geometry over a surface in the correspondence of C. Segre to G. Castelnuovo]. *Archive for History of Exact Sciences*, 43(2):145–188, June 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=2&spage=145>.

Goldstein:1991:IDO

- [GB91] Bernard R. Goldstein and Alan C. Bowen. The introduction of dated observations and precise measurement in Greek astronomy. *Archive for History of Exact Sciences*, 43(2):93–132, June 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=2&spage=93>.

Goldstein:2004:PBC

- [GC04] Bernard R. Goldstein and José Chabás. Ptolemy, Bianchini, and Copernicus: Tables for planetary latitudes. *Archive for History of Exact Sciences*, 58(5):453–473, July 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=5&spage=453>.

Goldstein:2017:AAT

- [GC17] Bernard R. Goldstein and José Chabás. Analysis of the astronomical tables for 1340 compiled by Immanuel ben Jacob Bonfils. *Archive for History of Exact Sciences*, 71(1):71–108, January 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-016-0181-4>.

Goldstein:2018:NEA

- [GC18] Bernard R. Goldstein and José Chabás. New evidence on Abraham Zacut’s astronomical tables. *Archive for History of Exact Sciences*, 72(1):21–62, January 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Goldstein:2023:JIW

- [GC23] Bernard R. Goldstein and José Chabás. Joseph Ibn Waqar and the treatment of retrograde motion in the Middle Ages. *Archive for History of Exact Sciences*, 77(2):175–199, March 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00301-x>.

Goldstein:2024:TRS

- [GC24a] Bernard R. Goldstein and José Chabás. Tables for the radii of the Sun, the Moon, and the shadow from John of Gmunden to Longomontanus. *Archive for History of Exact Sciences*, 78(1):67–86, January 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00318-w>.

Grecco:2024:QAD

- [GC24b] Hernán E. Grecco and Christián C. Carman. A quantitative analysis of David Fabricius’ astronomical observations. *Archive for History of Exact Sciences*, 78(6):617–630, November 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00333-5>.

Gray:2023:JLP

- [GCWL23] Jeremy Gray, Joshua L. Cherry, Eric-Jan Wagenmakers, and Alexander Ly. The Jeffreys–Lindley paradox: an exchange. *Archive for History of Exact Sciences*, 77(4):443–449, July 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00310-4>. See [WL23].

Gearhart:1985:EEE

- [Gea85] C. A. Gearhart. Epicycles, eccentrics, and ellipses: The predictive capabilities of Copernican planetary models. *Archive for History of Exact Sciences*, 32(3–4):207–222, September 1985. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=3&spage=207>.

Gearhart:2010:SSS

- [Gea10] Clayton A. Gearhart. “astonishing successes” and “bitter disappointment”: The specific heat of hydrogen in quantum theory. *Archive for History of Exact Sciences*, 64(2):113–202, March 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=2&spage=113>.

Gerber:1969:GW

- [Ger69] Johannes Gerber. Geschichte der Wellenmechanik. (German) [History of wave mechanics]. *Archive for History of Exact Sciences*, 5(5):349–416, January 1969. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=5&spage=349>.

Gericke:1982:VEK

- [Ger82] H. Gericke. Zur Vorgeschichte und Entwicklung des Krümmungsbegriffs. (German) [On the prehistory and development of the curvature term]. *Archive for History of Exact Sciences*, 27(1):1–21, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=1&spage=1>.

Grattan-Guinness:1970:BCS

- [GG70] I. Grattan-Guinness. Bolzano, Cauchy and the “new analysis” of the early nineteenth century. *Archive for History of Exact Sciences*, 6(5):372–400, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=5&spage=372>.

Gavroglu:1985:HLT

- [GG85] Kostas Gavroglu and George Goudaroulis. From the history of low temperature physics: Prejudicial attitudes that hindered the initial development of superconductivity theory. *Archive for History of Exact Sciences*, 32(3–4):377–383,

September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=3&spage=377>.

Gomez-Garcia:2021:SBD

- [GGHPMR21] Francisco Gómez-García, Pedro J. Herrero-Piñeyro, and Antonio Mellado-Romero. The six books of Diophantus' *Arithmetic* increased and reduced to specious: the lost manuscript of Jacques Ozanam (1640–1718). *Archive for History of Exact Sciences*, 75(5):557–611, September 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00274-3>.

Gluchoff:2000:MUP

- [GH00] Alan Gluchoff and Frederick Hartmann. On a “much Underestimated” Paper of Alexander. *Archive for History of Exact Sciences*, 55(1):1–41, August 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=1&spage=1>.

Gillings:1974:RRM

- [Gil74] R. J. Gillings. The Recto of the Rhind mathematical papyrus: how did the ancient Egyptian scribe prepare it? *Archive for History of Exact Sciences*, 12(4):291–298, August 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=4&spage=291>.

Gillings:1975:WRB

- [Gil75] R. J. Gillings. What is the relation between the EMLR and the RMP recto? *Archive for History of Exact Sciences*, 14(3):159–167, September 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=3&spage=159>.

Gilain:1991:HDT

- [Gil91] Christian Gilain. Sur l'histoire du théorème fondamental de l'algèbre: théorie des équations et calcul intégral. (French) [On the Fundamental Theorem of Algebra: theory of the

equations of integral calculus]. *Archive for History of Exact Sciences*, 42(2):91–136, June 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=2&spage=91>.

Giovannini:2021:DHF

[Gio21]

Eduardo N. Giovannini. David Hilbert and the foundations of the theory of plane area. *Archive for History of Exact Sciences*, 75(6):649–698, November 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00278-z>.

Giovanelli:2024:PPP

[Gio24]

Marco Giovanelli. The practice of principles: Planck’s vision of a relativistic general dynamics. *Archive for History of Exact Sciences*, 78(3):305–360, May 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00326-4>.

Gispert:1983:FAF

[Gis83]

Hélène Gispert. Sur les fondements de l’analyse en France. (French) [On the basis of analysis in France]. *Archive for History of Exact Sciences*, 28(1):37–106, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=1&spage=37>.

Gysembergh:2023:PTM

[GJZ⁺23]

Victor Gysembergh, Alexander Jones, Emanuel Zingg, Pascal Cotte, and Salvatore Apicella. Ptolemy’s treatise on the meteorscope recovered. *Archive for History of Exact Sciences*, 77(2):221–240, March 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00302-w>.

Ginoux:2012:BOA

[GL12]

Jean-Marc Ginoux and René Lozi. Blondel et les oscillations auto-entretenues. (French) [Blondel and self-sustained oscillations]. *Archive for History of Exact Sciences*, 66(5):485–530, September 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com>.

[com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=5&spage=485](http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=5&spage=485).

Gauthier:2019:YWL

- [GL19] Sébastien Gauthier and François Lê. On the youthful writings of Louis J. Mordell on the Diophantine equation $y^2 - k = x^3$. *Archive for History of Exact Sciences*, 73(5):427–468, September 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Grasshoff:2017:PPO

- [GM17] Gerd Graßhoff and Florian Mittenhuber. Of paths and places: the origin of Ptolemy’s Geography. *Archive for History of Exact Sciences*, 71(6):483–508, November 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-017-0194-7>.

Goetsch:1968:AB

- [Goe68] H. Goetsch. Die Algebra der Babylonier. (German) [The algebra of the Babylonians]. *Archive for History of Exact Sciences*, 5(2):79–153, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=2&spage=79>.

Goldberg:1970:ATE

- [Gol70] Stanley Goldberg. The Abraham theory of the electron: The symbiosis of experiment and theory. *Archive for History of Exact Sciences*, 7(1):7–25, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=1&spage=7>.

Goldstein:1977:IMT

- [Gol77] Bernard R. Goldstein. Ibn Mu^cādh’s treatise on twilight and the height of the atmosphere. *Archive for History of Exact Sciences*, 17(2):97–118, July 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=2&spage=97>.

[Gol03]

Bernard R. Goldstein. An anonymous zij in Hebrew for 1400 A.D.: a preliminary report. *Archive for History of Exact Sciences*, 57(2):151–171, March 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=2&spage=151>.

Goldstein:2003:AZH

[Gou14]

Robert Goulding. Thomas Harriot’s optics, between experiment and imagination: the case of Mr Bulkeley’s glass. *Archive for History of Exact Sciences*, 68(2):137–178, March 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0125-1>.

Goulding:2014:THO

[Gou18]

Robert Goulding. Binocular vision and image location before Kepler. *Archive for History of Exact Sciences*, 72(5):497–546, September 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Goulding:2018:BVI

[GP09]

Sébastien Gandon and Yvette Perrin. Le problème de la définition de l’aire d’une surface gauche: Peano et Lebesgue. (French) [The problem of the definition of an unflattenable ruled surface: Peano and Lebesgue]. *Archive for History of Exact Sciences*, 63(6):665–704, November 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=6&spage=665>.

Gandon:2009:PDL

[Gra61]

Edward Grant. Nicole Oresme and the commensurability or incommensurability of the celestial motions. *Archive for History of Exact Sciences*, 1(4):420–458, July 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=4&spage=420>.

Grant:1961:NOC

[Gra65]

Edward Grant. Bradwardine and Galileo: Equality of velocities in the void. *Archive for History of Exact Sciences*, 2(4):344–

Grant:1965:BGE

364, April 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=4&spage=344>.

Gray:1980:ORP

- [Gra80] Jeremy J. Gray. Olinde Rodrigues' paper of 1840 on transformation groups. *Archive for History of Exact Sciences*, 21(4):375–385, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=4&spage=375>.

Gray:1984:SRR

- [Gra84] J. D. Gray. The shaping of the Riesz representation theorem: a chapter in the history of analysis. *Archive for History of Exact Sciences*, 31(2):127–187, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=2&spage=127>.

Graham:2015:PA

- [Gra15] Daniel W. Graham. On Philolaus' astronomy. *Archive for History of Exact Sciences*, 69(2):217–230, March 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0147-3>.

Greenberg:1996:INP

- [Gre96] John L. Greenberg. Isaac Newton and the problem of the Earth's shape. *Archive for History of Exact Sciences*, 49(4):371–391, December 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=4&spage=371>.

Grossman:1998:NQA

- [Gro98] Nathaniel Grossman. Newton's quiescence of the apsides and radially-symmetric attractions to a center. *Archive for History of Exact Sciences*, 52(2):109–117, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=2&spage=109>.

Grupe:2017:SPT

- [Gru17] Dirk Grupe. Stephen of Pisa's theory of the oscillating deferents of the inner planets (1h. 12th C.). *Archive for History of Exact Sciences*, 71(5):379–407, September 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-017-0192-9>.

Gaarding:1994:NHA

- [GS94] Lars Gårding and Christian Skau. Niels Henrik Abel and solvable equations. *Archive for History of Exact Sciences*, 48(1):81–103, March 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=1&spage=81>.

Gray:2008:SBG

- [GS08] J. M. K. Gray and J. M. Steele. Studies on Babylonian goal-year astronomy I: a comparison between planetary data in goal-year texts, almanacs and normal star almanacs. *Archive for History of Exact Sciences*, 62(5):553–600, September 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=5&spage=553>.

Gray:2009:SBG

- [GS09] J. M. K. Gray and J. M. Steele. Studies on Babylonian goal-year astronomy II: the Babylonian calendar and goal-year methods of prediction. *Archive for History of Exact Sciences*, 63(6):611–633, November 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=6&spage=611>.

Guan:2010:NIS

- [Gua10] Yuzhen Guan. A new interpretation of Shen Kuo's Ying Biao Yi. *Archive for History of Exact Sciences*, 64(6):707–719, November 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=6&spage=707>.

Guan:2015:ETJ

- [Gua15] Yuzhen Guan. Eclipse theory in the Jing chu li: Part I. The adoption of lunar velocity. *Archive for History of Exact Sciences*, 69(1):103–123, January 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0146-4>.

Guerraggio:1984:MVP

- [Gue84] Angelo Guerraggio. Le memorie di Volterra e Peano sul movimento dei poli. (Italian) [The memoirs of Volterra and Peano on the movement of the poles]. *Archive for History of Exact Sciences*, 31(2):97–126, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=2&spage=97>.

Guggenheimer:1977:JCT

- [Gug77] H. Guggenheimer. The Jordan curve theorem and an unpublished manuscript by Max Dehn. *Archive for History of Exact Sciences*, 17(2):193–200, July 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=2&spage=193>.

Guicciardini:2016:LTR

- [Gui16] Niccolò Guicciardini. Lost in translation? Reading Newton on inverse-cube trajectories. *Archive for History of Exact Sciences*, 70(2):205–241, March 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0170-z>.

Gulbekian:1987:OVS

- [Gul87] Edward Gulbekian. The origin and value of the stadion unit used by Eratosthenes in the third century B.C. *Archive for History of Exact Sciences*, 37(4):359–363, December 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=4&spage=359>.

Gimeno:2021:OCL

- [GXB21] Gonzalo Gimeno, Mercedes Xipell, and Marià Baig. Operator calculus: the lost formulation of quantum mechanics. *Archive for*

History of Exact Sciences, 75(3):283–322, May 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Garber:1979:EP

- [GZ79] Daniel Garber and Sandy Zabell. On the emergence of probability. *Archive for History of Exact Sciences*, 21(1):33–53, March 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=1&spage=33>.

Gesztesy:2012:HEO

- [GZKB⁺12] Rudolf Gesztesy, Judit Zsuga, Adam Kemeny-Beke, Balazs Varga, Bela Juhasz, et al. The Hill equation and the origin of quantitative pharmacology. *Archive for History of Exact Sciences*, 66(4):427–438, July 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=4&spage=427>.

Hamilton:1998:BVT

- [HA98] Norman T. Hamilton and Asger Aaboe. A Babylonian Venus text computed according to System A: ACT No. 1050. *Archive for History of Exact Sciences*, 53(3–4):215–221, November 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=3&spage=215>.

Hahn:2002:PSA

- [Hah02] Alexander J. Hahn. The pendulum swings again: a mathematical reassessment of Galileo’s experiments with inclined planes. *Archive for History of Exact Sciences*, 56(4):339–361, June 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=4&spage=339>.

Hall:1960:CD

- [Hal60] A. Rupert Hall. Cartesian dynamics. *Archive for History of Exact Sciences*, 1(2):172–178, December 1960. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=2&spage=172>.

www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=2&spage=172.

Hald:1988:MSP

- [Hal88] A. Hald. On de Moivre's solutions of the problem of duration of play 1708–1718. *Archive for History of Exact Sciences*, 38(2):109–134, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=2&spage=109>.

Hald:1990:EBP

- [Hal90] A. Hald. Evaluations of the beta probability integral by Bayes and Price. *Archive for History of Exact Sciences*, 41(2):139–156, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=139>.

Hamburg:1976:TEC

- [Ham76] Robin Rider Hamburg. The theory of equations in the 18th century: The work of Joseph Lagrange. *Archive for History of Exact Sciences*, 16(1):17–36, March 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=1&spage=17>.

Hanle:1977:CAE

- [Han77] Paul A. Hanle. The coming of age of Erwin Schrödinger: His quantum statistics of ideal gases. *Archive for History of Exact Sciences*, 17(2):165–192, July 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=2&spage=165>.

Hannah:2011:CRP

- [Han11] John Hannah. Conventions for recreational problems in Fibonacci's Liber Abbaci. *Archive for History of Exact Sciences*, 65(2):155–180, March 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=2&spage=155>.

Harari:2003:CER

- [Har03] Orna Harari. The concept of existence and the role of constructions in Euclid’s Elements. *Archive for History of Exact Sciences*, 57(1):1–23, January 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=1&spage=1>.

Hartshorne:2008:PHS

- [Har08] Robin Hartshorne. Publication history of von Staudt’s Geometrie der Lage. *Archive for History of Exact Sciences*, 62(3):297–299, May 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=3&spage=297>.

Hawkins:1971:OTG

- [Haw71] Thomas Hawkins. The origins of the theory of group characters. *Archive for History of Exact Sciences*, 7(2):142–170, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=2&spage=142>.

Hawkins:1972:HNL

- [Haw72] Thomas Hawkins. Hypercomplex numbers, Lie groups, and the creation of group representation theory. *Archive for History of Exact Sciences*, 8(4):243–287, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=4&spage=243>.

Hawkins:1974:NLF

- [Haw74] Thomas Hawkins. New light on Frobenius’ creation of the theory of group characters. *Archive for History of Exact Sciences*, 12(3):217–243, September 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=3&spage=217>.

Hawkins:1977:WTM

- [Haw77] Thomas Hawkins. Weierstrass and the theory of matrices. *Archive for History of Exact Sciences*, 17(2):119–163,

July 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=2&spage=119>.

Hawkins:1982:WKS

- [Haw82] Thomas Hawkins. Wilhelm Killing and the structure of Lie algebras. *Archive for History of Exact Sciences*, 26(2):127–192, June 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=2&spage=127>.

Hawkins:1988:HPT

- [Haw88] Thomas Hawkins. Hesses's principle of transfer and the representation of Lie algebras. *Archive for History of Exact Sciences*, 39(1):41–73, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=1&spage=41>.

Hawkins:1991:JBL

- [Haw91] Thomas Hawkins. Jacobi and the birth of Lie's Theory of Groups. *Archive for History of Exact Sciences*, 42(3):187–278, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=3&spage=187>.

Hawkins:2005:FCP

- [Haw05] Thomas Hawkins. Frobenius, Cartan, and the Problem of Pfaff. *Archive for History of Exact Sciences*, 59(4):381–436, May 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=4&spage=381>.

Hawkins:2008:CFO

- [Haw08a] Thomas Hawkins. Continued fractions and the origins of the Perron–Frobenius theorem. *Archive for History of Exact Sciences*, 62(6):655–717, November 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=6&spage=655>.

www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=6&spage=655.

Hawkins:2008:FSA

- [Haw08b] Thomas Hawkins. Frobenius and the symbolical algebra of matrices. *Archive for History of Exact Sciences*, 62(1):23–57, January 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=1&spage=23>.

Hlawka:1986:ETG

- [HB86] Edmund Hlawka and Christa Binder. Über die Entwicklung der Theorie der gleichverteilung in den Jahren 1909 bis 1916. (German) [On the development of the theory of uniform distributions in the years 1909 to 1916]. *Archive for History of Exact Sciences*, 36(3):197–249, September 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=3&spage=197>.

Hertz:1995:HHL

- [HD95] H. G. Hertz and Manuel G. Doncel. Heinrich Hertz's laboratory notes of 1887. *Archive for History of Exact Sciences*, 49(3):197–270, September 1995. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=3&spage=197>.

Heilbron:1968:SPR

- [Hei68] John L. Heilbron. The scattering of α and β particles and Rutherford's atom. *Archive for History of Exact Sciences*, 4(4):247–307, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=4&spage=247>.

Heimann:1970:MMC

- [Hei70] P. M. Heimann. Maxwell and the modes of consistent representation. *Archive for History of Exact Sciences*, 6(3):171–213, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=3&spage=171>.

<https://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=3&spage=171>.

Heller:2022:FKP

- [Hel22] Henning Heller. Felix Klein’s projective representations of the groups S_6 and A_7 . *Archive for History of Exact Sciences*, 76(5):431–470, September 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00290-x>.

Hentschel:1994:EFF

- [Hen94] Klaus Hentschel. Erwin Finlay Freundlich and testing Einstein’s Theory of Relativity. *Archive for History of Exact Sciences*, 47(2):143–201, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=2&spage=143>.

Hentschel:1997:UDP

- [Hen97] Klaus Hentschel. An unwelcome discovery: The pole effect in the electric arc, a threat to early 20th century precision spectrometry. *Archive for History of Exact Sciences*, 51(3):199–271, September 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=3&spage=199>.

Hentschel:2001:BFS

- [Hen01] Klaus Hentschel. Das Brechungsgesetz in der Fassung von Snellius Rekonstruktion seines Entdeckungspfades und eine Übersetzung seines lateinischen Manuskriptes sowie ergänzender Dokumente. (German) [The Law of Refraction in the version of Snellius’ reconstruction of its discovery path and a translation of its Latin manuscript as well as supplementing documents]. *Archive for History of Exact Sciences*, 55(4):297–344, January 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=4&spage=297>.

Hermelink:1963:TJ

- [Her63] Heinrich Hermelink. Tabulae Jahan. (German). *Archive for History of Exact Sciences*, 2(2):108–112, August 1963. CO-

DEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=108>.

Herrmann:1970:AIJ

[Her70]

Dieter B. Herrmann. Das Astronomentreffen im Jahre 1798 auf dem Seeberg bei Gotha. (German) [The astronomers' meeting in the year 1798 in Seeberg bei Gotha]. *Archive for History of Exact Sciences*, 6(4):326–344, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=4&spage=326>.

Hessenbruch:2000:RER

[Hes00]

Arne Hessenbruch. Rutherford's 1901 experiment on radiation energy and his creation of a stable detector. *Archive for History of Exact Sciences*, 54(5):403–420, February 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=5&spage=403>.

Hon:2005:HEM

[HG05a]

Giora Hon and Bernard R. Goldstein. How Einstein made asymmetry disappear: Symmetry and Relativity in 1905. *Archive for History of Exact Sciences*, 59(5):437–544, July 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=5&spage=437>.

Hon:2005:LRD

[HG05b]

Giora Hon and Bernard R. Goldstein. Legendre's revolution (1794): The definition of symmetry in solid geometry. *Archive for History of Exact Sciences*, 59(2):107–155, January 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=2&spage=107>.

Hewitt:1979:GWP

[HH79]

Edwin Hewitt and Robert E. Hewitt. The Gibbs–Wilbraham phenomenon: an episode in Fourier analysis. *Archive for History of Exact Sciences*, 21(2):129–160, June 1979. CODEN AHESAN.

ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=2&spage=129>.

Heideman:1985:GHF

- [HJB85] Michael T. Heideman, Don H. Johnson, and C. Sidney Burrus. Gauss and the history of the Fast Fourier Transform. *Archive for History of Exact Sciences*, 34(3):265–277, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=265>.

Hofmann:1960:ZMF

- [Hof60] J. E. Hofmann. Über zahlentheoretische Methoden Fermats und Eulers, ihre Zusammenhänge und ihre Bedeutung. (German) [On the number-theoretical method of Fermat and Euler, its relationships and its meaning]. *Archive for History of Exact Sciences*, 1(2):122–159, December 1960. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=2&spage=122>.

Hofmann:1965:FIA

- [Hof65] Jos. E. Hofmann. Aus der Frühzeit der Infinitesimalmethoden: Auseinandersetzung um die algebraische Quadratur algebraischer Kurven in der zweiten Hälfte des 17. Jahrhunderts. (German) [From the early period of infinitesimal methods: Arguments about the algebraic quadrature of algebraic curves in the second half of the 17th century]. *Archive for History of Exact Sciences*, 2(4):271–343, April 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=4&spage=271>.

Hofmann:1966:KCH

- [Hof66] Jos. E. Hofmann. Über die Kreismessung von Chr. Huygens, ihre Vorgeschichte, ihren Inhalt, ihre Bedeutung und ihr Nachwirken. (German) [On the circle measurement of Chr. Huygens, their prehistory, their contents, their meaning and their having a lasting effect]. *Archive for History of Exact Sciences*, 3(2):102–136, January 1966. CODEN AHESAN.

ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=2&spage=102>.

Hogendijk:1984:GAC

- [Hog84] Jan P. Hogendijk. Greek and Arabic constructions of the regular heptagon. *Archive for History of Exact Sciences*, 30(3–4):197–330, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=3&spage=197>.

Hogendijk:1986:ATL

- [Hog86] Jan P. Hogendijk. Arabic traces of lost works of Apollonius. *Archive for History of Exact Sciences*, 35(3):187–253, September 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=3&spage=187>.

Hollings:2009:EDA

- [Hol09] Christopher Hollings. The early development of the algebraic theory of semigroups. *Archive for History of Exact Sciences*, 63(5):497–536, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Hollings:2014:ESG

- [Hol14] Christopher Hollings. Embedding semigroups in groups: not as simple as it might seem. *Archive for History of Exact Sciences*, 68(5):641–692, September 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0138-4>.

Hollings:2017:NCP

- [Hol17] Christopher D. Hollings. ‘Nobody could possibly misunderstand what a group is’: a study in early twentieth-century group axiomatics. *Archive for History of Exact Sciences*, 71(5):409–481, September 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-017-0193-8; https://link.springer.com/content/pdf/10.1007/s00407-017-0193-8.pdf>.

Home:1967:FHT

- [Hom67] Roderick W. Home. Francis Hauksbee's theory of electricity. *Archive for History of Exact Sciences*, 4(3):203–217, January 1967. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=3&spage=203>.

Hong:1994:CVC

- [Hon94] Sungook Hong. Controversy over Voltaic Contact phenomena, 1862–1900. *Archive for History of Exact Sciences*, 47(3):233–289, September 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=3&spage=233>.

Hoyer:1973:RSE

- [Hoy73] Ulrich Hoyer. Über die Rolle der Stabilitätsbetrachtungen in der Entwicklung der Bohrschen Atomtheorie. (German) [On the role of stability conditions in the development of Bohr's atomic theory]. *Archive for History of Exact Sciences*, 10(3–5):177–206, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=10&issue=3&spage=177>.

Hoyer:1974:ZCT

- [Hoy74] Ulrich Hoyer. Über den Zusammenhang der Carnotschen Theorie mit der Thermodynamik. (German) [On the connection of Carnot theory with thermodynamics]. *Archive for History of Exact Sciences*, 13(4):359–375, December 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=4&spage=359>.

Hoyer:1976:VCT

- [Hoy76] Ulrich Hoyer. Das Verhältnis der Carnotschen Theorie zur klassischen Thermodynamik. (German) [The relationship of Carnot's Theory to classical thermodynamics]. *Archive for History of Exact Sciences*, 15(2):149–197, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=2&spage=149>.

Hoyer:1978:WMW

- [Hoy78] Ulrich Hoyer. Über Waterstons mechanisches Wärmeäquivalent. (German) [On Waterston's mechanical equivalent of heat]. *Archive for History of Exact Sciences*, 19(4):371–381, December 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=4&spage=371>.

Hoyer:1980:BP

- [Hoy80] Ulrich Hoyer. Von Boltzmann zu Planck. (German) [From Boltzmann to Planck]. *Archive for History of Exact Sciences*, 23(1): 47–86, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=1&spage=47>.

Hoyerup:1988:JNC

- [Høy88] Jens Hoyerup. Jordanus de Nemore, 13th century mathematical innovator: an essay on intellectual context, achievement, and failure. *Archive for History of Exact Sciences*, 38(4):307–363, September 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=4&spage=307>.

Hoyerup:2008:UHT

- [Høy08] Jens Hoyerup. The “Unknown Heritage”: trace of a forgotten locus of mathematical sophistication. *Archive for History of Exact Sciences*, 62(6):613–654, November 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=6&spage=613>.

Huttig:2000:CST

- [Hüt00] Manfred Hütting. The conical sundial from Thyrrheion — reconstruction and error analysis of a displaced antique sundial. *Archive for History of Exact Sciences*, 55(2):163–176, December 2000. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=2&spage=163>.

Haubold:1986:JIT

- [HY86] Hans Joachim Haubold and Eiichi Yasui. Jun Ishiwaras Text über Albert Einsteins Gastvortrag an der Universität zu Kyoto am 14. Dezember 1922. (German) [Jun Ishiwaras text of Albert Einstein's guest lecture at Kyoto University on 14 December 1922]. *Archive for History of Exact Sciences*, 36(3):271–279, September 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=3&spage=271>. Translated from the Japanese by Hans Joachim Haubold and Eiichi Yasui.

Iversen:2019:BPI

- [IJ19a] Paul Iversen and Alexander Jones. The Back Plate Inscription and eclipse scheme of the Antikythera Mechanism revisited. *Archive for History of Exact Sciences*, 73(5):469–511, September 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-019-00229-9.pdf>. See correction [IJ19b].

Iversen:2019:CBP

- [IJ19b] Paul Iversen and Alexander Jones. Correction to: The Back Plate Inscription and eclipse scheme of the Antikythera Mechanism revisited. *Archive for History of Exact Sciences*, 73(5):513–516, September 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-019-00234-y.pdf>. See [IJ19a].

Illy:1989:ETL

- [Ill89] József Illy. Einstein teaches Lorentz, Lorentz teaches Einstein: their collaboration in General Relativity, 1913–1920. *Archive for History of Exact Sciences*, 39(3):247–289, September 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=3&spage=247>.

Im:1996:ECF

- [Im96] Gyeong Soon Im. Experimental constraints on formal quantum mechanics: The emergence of Born’s quantum theory of collision processes in Göttingen, 1924–1927. *Archive for History of Exact Sciences*, 50(1):73–101, March 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=1&spage=73>.

Iohara:2021:MJA

- [IM21] Kenji Iohara and Philippe Malbos. Maurice Janet’s algorithms on systems of linear partial differential equations. *Archive for History of Exact Sciences*, 75(1):43–81, January 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Iurato:2016:RVW

- [IR16] Giuseppe Iurato and Giuseppe Ruta. On the role of virtual work in Levi-Civita’s parallel transport. *Archive for History of Exact Sciences*, 70(5):553–565, September 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-016-0177-0>.

Jaeger:1998:ECP

- [Jae98] Gregg Jaeger. The Ehrenfest classification of phase transitions: Introduction and evolution. *Archive for History of Exact Sciences*, 53(1):51–81, May 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=1&spage=51>.

Jaeck:2010:ESA

- [Jaë10] Frédéric Jaëck. Éléments structurels en analyse fonctionnelle: trois notes de Fréchet sur les opérations linéaires. *Archive for History of Exact Sciences*, 64(4):461–483, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Jaeck:2020:WWG

- [Jaë20] Frédéric Jaëck. What were the genuine Banach spaces in 1922? Reflection on axiomatisation and progression of the mathematical thought. *Archive for History of Exact Sciences*, 74(2):109–129, March 2020. CODEN AHESAN. ISSN 0003-9519

(print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00239-7>.

Jahnke:1987:MPA

[Jah87]

Hans Niels Jahnke. Motive und Probleme der Arithmetisierung der Mathematik in der ersten Hälfte des 19. Jahrhunderts — Cauchys Analysis in der Sicht des Mathematikers Martin Ohm. (German) [Motives and problems of the arithmetisation of mathematics in the first half of the 19th century — Cauchy's analysis in the view of the mathematician Martin Ohm]. *Archive for History of Exact Sciences*, 37(2):101–182, June 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=2&spage=101>.

Jahnert:2025:FPT

[Jäh25]

Martin Jähnert. The formation of a paper tool: intensity schemes in the old quantum theory. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00345-1>.

Jami:1988:HCD

[Jam88]

Catherine Jami. Une histoire chinoise du “nombre π ”. (French) [A Chinese history of the “number π ”]. *Archive for History of Exact Sciences*, 38(1):39–50, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=39>.

Jaouiche:1974:LDQ

[Jao74]

Khalil Jaouiche. Le livre du qarastūn de Tābit ibn Qurra: Étude sur l'origine de la notion de travail et du calcul du moment statique d'une barre homogène. (French) [The book of qarastūn of Tābit ibn Qurra: Study of the origin of the notion of work and of the calculation of the static moment of a homogeneous bar]. *Archive for History of Exact Sciences*, 13(4):325–347, December 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=4&spage=325>. Étude sur l'origine de la notion de travail et du calcul du moment statique d'une barre homogène.

Jensen:1972:LTA

- [Jen72] Claus Jensen. The lunar theories of al-baghdadi. *Archive for History of Exact Sciences*, 8(4):321–328, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=4&spage=321>.

Ji:2025:GTA

- [Ji25] Lizhen Ji. Galois’s theory of ambiguity and its impacts. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00341-5>.

Johnson:1977:PDT

- [Joh77] Dale M. Johnson. Prelude to dimension theory: The geometrical investigations of Bernard Bolzano. *Archive for History of Exact Sciences*, 17(3):261–295, September 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=3&spage=261>.

Johnson:1979:PID

- [Joh79] Dale M. Johnson. The problem of the invariance of dimension in the growth of modern topology, part I. *Archive for History of Exact Sciences*, 20(2):97–188, June 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=2&spage=97>. See errata [Ano81].

Johnson:1981:PID

- [Joh81] Dale M. Johnson. The problem of the invariance of dimension in the growth of modern topology, part II. *Archive for History of Exact Sciences*, 25(2-3):85–266, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=2&spage=85>.

Johnsen:1984:UPH

- [Joh84] Karsten Johnsen. Der “Untergruppensatz” von P. Hoyer — 25 Jahre vor O. Schreier. (German) [The subgroup theorem

of P. Hoher — 25 years before O. Schreier]. *Archive for History of Exact Sciences*, 29(4):377–383, December 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=4&spage=377>.

Jones:1983:DTD

- [Jon83] Alexander Jones. The development and transmission of 248-day schemes for lunar motion in ancient astronomy. *Archive for History of Exact Sciences*, 29(1):1–36, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=1&spage=1>.

Jones:1999:LSO

- [Jon99] Alexander Jones. A likely source of an observation report in Ptolemy’s Almagest. *Archive for History of Exact Sciences*, 54(3):255–258, August 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=3&spage=255>.

Jones:2004:SBO

- [Jon04] Alexander Jones. A study of Babylonian observations of planets near normal stars. *Archive for History of Exact Sciences*, 58(6):475–536, September 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=6&spage=475>.

Jones:2010:OJP

- [Jon10] Alexander Jones. Obituary: John P. Britton (1939–2010). *Archive for History of Exact Sciences*, 64(6):613–615, November 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=6&spage=613>.

Ji:2013:HDT

- [JP13] Lizhen Ji and Athanase Papadopoulos. Historical development of Teichmüller theory. *Archive for History of Exact Sciences*, 67(2):119–147, March 2013. CODEN AHESAN. ISSN 0003-9519

(print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0104-y>.

Jongmans:1994:PNP

- [JS94] François Jongmans and Eugene Seneta. A probabilistic “New Principle” of the 19th century. *Archive for History of Exact Sciences*, 47(1):93–102, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=1&spage=93>.

Ji:2020:PSM

- [JW20] Lizhen Ji and Chang Wang. Poincaré’s stated motivations for topology. *Archive for History of Exact Sciences*, 74(4):381–400, July 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-020-00247-y>.

Ji:2022:PWL

- [JW22] Lizhen Ji and Chang Wang. Poincaré’s works leading to the Poincaré Conjecture. *Archive for History of Exact Sciences*, 76(3):223–260, May 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00283-2>.

Kainzinger:2011:MSS

- [Kai11] Albert Kainzinger. The mathematics in the structures of Stonehenge. *Archive for History of Exact Sciences*, 65(1):67–97, January 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=1&spage=67>.

Kalmar:1977:THR

- [Kal77] Martin Kalmar. Thomas Hariot’s De Reflexione Corporum Rotundorum: an early solution to the problem of impact. *Archive for History of Exact Sciences*, 16(3):201–230, September 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=3&spage=201>.

Katz:1985:DFC

- [Kat85] Victor J. Katz. Differential forms — Cartan to de Rham. *Archive for History of Exact Sciences*, 33(4):321–336, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=4&spage=321>.

Katzir:2003:DPE

- [Kat03] Shaul Katzir. The discovery of the piezoelectric effect. *Archive for History of Exact Sciences*, 57(1):61–91, January 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=1&spage=61>.

Katzir:2008:UFS

- [Kat08] Shaul Katzir. From ultrasonic to frequency standards: Walter Cady's discovery of the sharp resonance of crystals. *Archive for History of Exact Sciences*, 62(5):469–487, September 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=5&spage=469>.

Kaunzner:1985:FLB

- [Kau85] Wolfgang Kaunzner. Über eine frühe lateinische Bearbeitung der Algebra al-Khwārizmī in MS Lyell 52 der Bodleian Library Oxford. (German) [On early Latin treatment of algebra: Al-Khwārizmī in MS Lyell 52 the Bodleian Library Oxford]. *Archive for History of Exact Sciences*, 32(1):1–16, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=1&spage=1>.

Kay:2023:FKS

- [Kay23] L. D. Kay. Felix Klein, Sophus Lie, contact transformations, and connexes. *Archive for History of Exact Sciences*, 77(4):373–391, July 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00305-1>.

Kragh:2000:CBM

- [KC00] Helge Kragh and Bruno Carazza. Classical behavior of macroscopic bodies from quantum principles: Early discussions. *Archive for History of Exact Sciences*, 55(1):43–56, August 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=1&spage=43>.

Kerszberg:1986:PWI

- [Ker86] Pierre Kerszberg. Le principe de Weyl et l’invention d’une cosmologie non-statique. (French) [Weyl’s Principle and the invention of a nonstatic cosmology]. *Archive for History of Exact Sciences*, 35(1):1–89, March 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=1&spage=1>.

Keyser:1992:NLH

- [Key92] Paul Keyser. A new look at Heron’s “steam Engine”. *Archive for History of Exact Sciences*, 44(2):107–124, June 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=2&spage=107>.

Keyser:2022:ASD

- [Key22] Paul T. Keyser. The Archimedean ‘sambuke’ of Damis in Biton. *Archive for History of Exact Sciences*, 76(2):153–172, March 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00281-4>.

Kiernan:1971:DGT

- [Kie71] B. Melvin Kiernan. The development of Galois theory from Lagrange to Artin. *Archive for History of Exact Sciences*, 8(1–2):40–154, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=1&spage=40>.

King:1973:IYV

- [Kin73] David A. King. Ibn Yunus’ very useful tables for reckoning time by the sun. *Archive for History of Exact Sci-*

ences, 10(3–5):342–394, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=10&issue=3&spage=342>.

Kjeldsen:2001:JNC

- [Kje01] Tinne Hoff Kjeldsen. John von Neumann’s conception of the Minimax Theorem: a journey through different mathematical contexts. *Archive for History of Exact Sciences*, 56(1):39–68, November 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=1&spage=39>.

Kjeldsen:2002:DMG

- [Kje02] Tinne Hoff Kjeldsen. Different motivations and goals in the historical development of the theory of systems of linear inequalities. *Archive for History of Exact Sciences*, 56(6):469–538, November 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=6&spage=469>.

Kjeldsen:2008:MTG

- [Kje08] Tinne Hoff Kjeldsen. From measuring tool to geometrical object: Minkowski’s development of the concept of convex bodies. *Archive for History of Exact Sciences*, 62(1):59–89, January 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=1&spage=59>.

King:1984:CKR

- [KL84] M. Christine King and Keith J. Laidler. Chemical kinetics and the radiation hypothesis. *Archive for History of Exact Sciences*, 30(1):45–86, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=1&spage=45>.

Klein:1961:MPB

- [Kle61] Martin J. Klein. Max Planck and the beginnings of the quantum theory. *Archive for History of Exact Sciences*, 1(5):459–479,

October 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=5&spage=459>.

Knobloch:1974:USL

[Kno74]

Eberhard Knobloch. Unbekannte Studien von Leibniz zur Eliminations- und Explikationstheorie. (German) [Unknown studies from Leibniz on the elimination and explanation theory]. *Archive for History of Exact Sciences*, 12(2):142–173, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=2&spage=142>.

Knorr:1976:AMC

[Kno76]

Wilbur R. Knorr. Archimedes and the measurement of the circle: a new interpretation. *Archive for History of Exact Sciences*, 15(2):115–140, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=2&spage=115>.

Knorr:1978:AEP

[Kno78]

Wilbur R. Knorr. Archimedes and the Elements: Proposal for a revised chronological ordering of the Archimedean corpus. *Archive for History of Exact Sciences*, 19(3):211–290, September 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=3&spage=211>.

Knorr:1981:AIS

[Kno81]

Wilbur Knorr. Aristotle and incommensurability: Some further reflections. *Archive for History of Exact Sciences*, 24(1): 1–9, March 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=1&spage=1>. See correction [Kno82].

Knorr:1982:CMA

[Kno82]

Wilbur Knorr. A correction to my article “Aristotle and Incommensurability”. *Archive for History of Exact Sciences*,

27(4):391–392, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=4&spage=391>. See [Kno81].

Knorr:1986:ADC

[Kno86]

Wilbur R. Knorr. Archimedes' dimension of the circle: a view of the genesis of the extant text. *Archive for History of Exact Sciences*, 35(4):281–324, December 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=4&spage=281>.

Knorr:1992:WCD

[Kno92]

Wilbur R. Knorr. When circles don't look like circles: an optical theorem in Euclid and Pappus. *Archive for History of Exact Sciences*, 44(4):287–329, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=4&spage=287>.

Knobloch:1999:GLD

[Kno99]

Eberhard Knobloch. Galileo and Leibniz: Different approaches to infinity. *Archive for History of Exact Sciences*, 54(2):87–99, June 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=2&spage=87>.

Knudsen:1976:FEP

[Knu76]

Ole Knudsen. The Faraday effect and physical theory, 1845–1873. *Archive for History of Exact Sciences*, 15(3):235–281, September 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=3&spage=235>.

Koppelman:1971:COR

[Kop71]

Elaine Koppelman. The calculus of operations and the rise of abstract algebra. *Archive for History of Exact Sciences*, 8(3):155–242, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=3&spage=155>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=3&spage=155>.

Kox:1988:HAL

- [Kox88] A. J. Kox. Hendrik Antoon Lorentz, the ether, and the General Theory of Relativity. *Archive for History of Exact Sciences*, 38(1):67–78, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=67>.

Kox:2013:HAL

- [Kox13] A. J. Kox. Hendrik Antoon Lorentz’s struggle with quantum theory. *Archive for History of Exact Sciences*, 67(2):149–170, March 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0107-8>; <http://link.springer.com/content/pdf/10.1007/s00407-012-0107-8.pdf>.

Kragh:1981:GDR

- [Kra81] Helge Kragh. The genesis of Dirac’s Relativistic Theory of Electrons. *Archive for History of Exact Sciences*, 24(1):31–67, March 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=1&spage=31>.

Kragh:1992:RCW

- [Kra92] Helge Kragh. Relativistic collisions: The work of Christian Møller in the early 1930s. *Archive for History of Exact Sciences*, 43(4):299–328, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=4&spage=299>.

Kragh:1997:ORS

- [Kra97] Helge Kragh. The origin of radioactivity: From solvable problem to unsolved non-problem. *Archive for History of Exact Sciences*, 50(3–4):331–358, September 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=3&spage=331>.

Kragh:2003:MNP

- [Kra03] Helge Kragh. Magic number: a partial history of the fine-structure constant. *Archive for History of Exact Sciences*, 57(5):395–431, July 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=5&spage=395>.

Kragh:2010:AMF

- [Kra10] Helge Kragh. An anthropic myth: Fred Hoyle’s carbon-12 resonance level. *Archive for History of Exact Sciences*, 64(6):721–751, November 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=64&issue=6&spage=721>.

Kragh:2012:PDE

- [Kra12] Helge Kragh. Preludes to dark energy: zero-point energy and vacuum speculations. *Archive for History of Exact Sciences*, 66(3):199–240, May 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=3&spage=199>.

Kragh:2023:THE

- [Kra23] Helge Kragh. A terminological history of early elementary particle physics. *Archive for History of Exact Sciences*, 77(1):73–120, January 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00299-2>.

Krieger:1968:SBA

- [Kri68] H. Krieger. Über Stirlings Bestimmung von $\sum_{n=0}^{\infty} (-1)^n / (2n+1)$ und $\sum_{n=0}^{\infty} 1/n^2$. (German) [On Stirling’s determination of $\sum_{n=0}^{\infty} (-1)^n / (2n+1)$ and $\sum_{n=0}^{\infty} 1/n^2$]. *Archive for History of Exact Sciences*, 5(1):37–46, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=1&spage=37>.

Koch:1990:NIK

- [KSFW90] Ulla Koch, Joachim Schaper, Susanne Fischer, and Michael Wegelin. Eine neue Interpretation der Kudurru-Symbole.

Archive for History of Exact Sciences, 41(2):93–114, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=93>.

Kubli:1970:LBE

- [Kub70] Fritz Kubli. Louis de Broglie und die Entdeckung der Materiewellen. (German) [Louis de Broglie and the discovery of matter waves]. *Archive for History of Exact Sciences*, 7(1):26–68, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=1&spage=26>.

Kushner:1989:CSS

- [Kus89] David Kushner. The controversy surrounding the secular acceleration of the Moon’s mean motion. *Archive for History of Exact Sciences*, 39(4):291–316, December 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=4&spage=291>.

Kyriazis:2021:PAP

- [Kyr21] G. A. Kyriazis. On Peirce’s 1878 article ‘The probability of induction’: a conceptualistic appraisal. *Archive for History of Exact Sciences*, 75(1):1–20, January 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Lam:1984:LYH

- [LA84] Lay-Yong Lam and Tian-Se Ang. Li Ye and his Yi Gu Yan Duan (old mathematics in expanded sections). *Archive for History of Exact Sciences*, 29(3):237–266, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=3&spage=237>.

Lacki:2000:EAQ

- [Lac00] Jan Lacki. The early axiomatizations of quantum mechanics: Jordan, von Neumann and the continuation of Hilbert’s program. *Archive for History of Exact Sciences*, 54(4):279–318, January 2000. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=4&spage=279>.

Laidler:1985:CKO

- [Lai85] Keith J. Laidler. Chemical kinetics and the origins of physical chemistry. *Archive for History of Exact Sciences*, 32(1):43–75, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=1&spage=43>.

Laidler:1986:DTC

- [Lai86] Keith J. Laidler. The development of theories of catalysis. *Archive for History of Exact Sciences*, 35(4):345–374, December 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=4&spage=345>.

Laidler:1988:CKO

- [Lai88] Keith J. Laidler. Chemical kinetics and the Oxford College Laboratories. *Archive for History of Exact Sciences*, 38(3):197–283, September 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=3&spage=197>.

Lam:1979:CSC

- [Lam79] Lay Yong Lam. Chu Shih-chieh’s Suan-hsüeh ch’i-meng (introduction to mathematical studies). *Archive for History of Exact Sciences*, 21(1):1–31, March 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=1&spage=1>.

Lam:1986:COO

- [Lam86] Lay Yong Lam. The conceptual origins of our numeral system and the symbolic form of algebra. *Archive for History of Exact Sciences*, 36(3):183–195, September 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=3&spage=183>.

Lam:1987:LES

- [Lam87] Lay Yong Lam. Linkages: Exploring the similarities between the Chinese rod numeral system and our numeral system. *Archive for History of Exact Sciences*, 37(4):365–392, December 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=4&spage=365>.

Lam:1988:CGR

- [Lam88] Lay Yong Lam. A Chinese genesis: Rewriting the history of our numeral system. *Archive for History of Exact Sciences*, 38(2):101–108, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=2&spage=101>. See correction [Lam89].

Lam:1989:CAC

- [Lam89] Lay Yong Lam. Correction for the article: “A Chinese genesis: rewriting the history of our numeral system”. *Archive for History of Exact Sciences*, 39(4):379, 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). See [Lam88].

Lam:1994:JZS

- [Lam94] Lay Yong Lam. Jiu zhang suanshu (nine chapters on the mathematical art): an overview. *Archive for History of Exact Sciences*, 47(1):1–51, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=1&spage=1>.

Lam:1997:ZQS

- [Lam97] Lay Yong Lam. Zhang Qiujian Suanjing (the mathematical classic of Zhang Qiujian): an overview. *Archive for History of Exact Sciences*, 50(3–4):201–240, September 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=3&spage=201>.

Lamande:2013:QCT

- [Lam13] Pierre Lamandé. Quelques conceptions de la théorie des proportions dans des traités de la seconde moitié du dix septième siècle.

(French) [Some conceptions of the theory of proportions in the treatises of the second half of the 17th Century]. *Archive for History of Exact Sciences*, 67(6):595–636, November 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0120-6>.

Laugwitz:1965:BBG

- [Lau65] Detlef Laugwitz. Bemerkungen zu Bolzanos Größenlehre. (German) [Remarks on Bolzano's size teachings [????]]. *Archive for History of Exact Sciences*, 2(5):398–409, August 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=5&spage=398>.

Laugwitz:1989:DVI

- [Lau89] Detlef Laugwitz. Definite values of infinite sums: Aspects of the foundations of infinitesimal analysis around 1820. *Archive for History of Exact Sciences*, 39(3):195–245, September 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=3&spage=195>.

Landry-Deron:2001:MEC

- [LD01] Isabelle Landry-Deron. Les Mathématiciens envoyés en Chine par Louis XIV en 1685. (French) [The mathematicians sent to China by Louis XIV in 1685]. *Archive for History of Exact Sciences*, 55(5):423–463, April 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=5&spage=423>.

Le:2017:ACG

- [Lê17] François Lê. Alfred Clebsch's “geometrical clothing” of the theory of the quintic equation. *Archive for History of Exact Sciences*, 71(1):39–70, January 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-016-0180-5>.

Lervig:1972:SCT

- [Ler72] Philip Lervig. On the structure of Carnot's theory of heat. *Archive for History of Exact Sciences*, 9(3):222–239, January 1972. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=3&spage=222>.

Lindberg:1968:TPI

- [Lin68] David C. Lindberg. The theory of Pinhole images from antiquity to the thirteenth century. *Archive for History of Exact Sciences*, 5(2):154–176, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=2&spage=154>.

Lindberg:1970:RRB

- [Lin70a] David C. Lindberg. A reconsideration of Roger Bacon’s theory of pinhole images. *Archive for History of Exact Sciences*, 6(3):214–223, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=3&spage=214>.

Lindberg:1970:TPI

- [Lin70b] David C. Lindberg. The theory of Pinhole images in the fourteenth century. *Archive for History of Exact Sciences*, 6(4):299–325, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=4&spage=299>.

Little:2022:ECS

- [Lit22] John B. Little. The eclectic content and sources of Clavius’s *Geometria Practica*. *Archive for History of Exact Sciences*, 76(4):391–424, July 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00288-5>.

Liu:2005:RRS

- [Liu05] Ci yuan Liu. The regular records of solar eclipse in Ancient China and a computer readable table. *Archive for History of Exact Sciences*, 59(2):157–168, January 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=2&spage=157>.

Li:1998:AEM

- [LM98] Wenlin Li and Jean-Claude Martzloff. Aperçu sur les échanges mathématiques entre la Chine et la France (1880–1949). (French) [Views of the mathematical exchanges between China and France (1880–1949)]. *Archive for History of Exact Sciences*, 53(3–4):181–200, November 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=3&spage=181>.

Lohne:1961:NSS

- [Loh61] Johs. Lohne. Newton’s “proof” of the sine law and his mathematical principles of colors. *Archive for History of Exact Sciences*, 1(4):389–405, July 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=4&spage=389>.

Lohne:1966:DRT

- [Loh66] J. A. Lohne. Dokumente zur Revalidierung von Thomas Harriot als Algebraiker. (German) [Documents on the revalidation of Thomas Harriot as an algebraicist]. *Archive for History of Exact Sciences*, 3(3):185–205, January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=3&spage=185>.

Lohne:1968:EEW

- [Loh68] J. A. Lohne. Der Eigenartige Einfluß Witelos auf die Entwicklung der Dioptrik. (German) [The strange influence of Witelos on the development of the Dioptrik]. *Archive for History of Exact Sciences*, 4(5):414–426, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=5&spage=414>.

Lohne:1979:ETH

- [Loh79] J. A. Lohne. Essays on Thomas Harriot. *Archive for History of Exact Sciences*, 20(3–4):189–312, September 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=3&spage=189>. I.

Billiard balls and laws of collision, II. Ballistic parabolas, III. A survey of Harriot's scientific writings.

Lorch:1995:PMT

- [Lor95] R. P. Lorch. Ptolemy and Maslama on the transformation of circles into circles in stereographic projection. *Archive for History of Exact Sciences*, 49(3):271–284, September 1995. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=3&spage=271>.

Lorenat:2016:SAG

- [Lor16] Jemma Lorenat. Synthetic and analytic geometries in the publications of Jakob Steiner and Julius Plücker (1827–1829). *Archive for History of Exact Sciences*, 70(4):413–462, July 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0174-8>.

Loveland:2001:BCS

- [Lov01] Jeff Loveland. Buffon, the certainty of sunrise, and the probabilistic reductio ad absurdum. *Archive for History of Exact Sciences*, 55(5):465–477, April 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=5&spage=465>.

Lazaroff-Puck:2015:GLD

- [LP15] Cameron Lazaroff-Puck. Gearing up for Lagrangian dynamics. *Archive for History of Exact Sciences*, 69(5):455–490, September 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0157-9>.

Lam:1984:RAT

- [LS84] Lay Yong Lam and Kang Sheng Shen. Right-angled triangles in ancient China. *Archive for History of Exact Sciences*, 30(2):87–112, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=2&spage=87>.

Lam:1986:MPS

- [LS86] Lay-Yong Lam and Kangsheng Shen. Mathematical problems on surveying in ancient China. *Archive for History of Exact Sciences*, 36(1):1–20, March 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=1>.

Lutzen:1979:HOC

- [Lüt79] Jesper Lützen. Heaviside’s operational calculus and the attempts to rigorise it. *Archive for History of Exact Sciences*, 21(2):161–200, June 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=2&spage=161>.

Lutzen:1984:JLW

- [Lüt84a] Jesper Lützen. Joseph Liouville’s work on the figures of equilibrium of a rotating mass of fluid. *Archive for History of Exact Sciences*, 30(2):113–166, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=2&spage=113>.

Lutzen:1984:SLW

- [Lüt84b] Jesper Lützen. Sturm and Liouville’s work on ordinary linear differential equations. The emergence of Sturm–Liouville theory. *Archive for History of Exact Sciences*, 29(4):309–376, December 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=4&spage=309>.

Lutzen:1994:NCT

- [Lüt94] Jesper Lützen. Note by the communicator of two papers, by J. Barrow–Green and by K. G. Andersson, on Poincaré. *Archive for History of Exact Sciences*, 48(2):105–106, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=2&spage=105>.

Lutzen:1995:IBM

- [Lüt95] Jesper Lützen. Interactions between mechanics and differential geometry in the 19th century. *Archive for History of Exact Sciences*, 49(1):1–72, March 1995. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=1&spage=1>.

Macuglia:2023:SEC

- [Mac23] Daniele Macuglia. SHAKE and the exact constraint satisfaction of the dynamics of semi-rigid molecules in Cartesian coordinates, 1973–1977. *Archive for History of Exact Sciences*, 77(4):345–371, July 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00306-0>.

Macuglia:2024:FEC

- [Mac24] Daniele Macuglia. Free-energy calculations in condensed matter: from early challenges to the advent of umbrella sampling. *Archive for History of Exact Sciences*, 78(5):479–522, September 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00327-3>.

Maeyama:1988:KMM

- [Mae88] Y. Maeyama. The Keplerian and mean motions. A geometrical study. *Archive for History of Exact Sciences*, 38(4):365–383, September 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=4&spage=365>.

Maeyama:1990:KHV

- [Mae90] Y. Maeyama. Kepler’s hypothesis vicaria. *Archive for History of Exact Sciences*, 41(1):53–92, March 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=1&spage=53>.

Maeyama:1998:DSO

- [Mae98] Y. Maeyama. Determination of the Sun’s orbit: Hipparchus, Ptolemy, al-Battani, Copernicus, Tycho Brahe. *Archive for*

History of Exact Sciences, 53(1):1–49, May 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=1&spage=1>.

Maeyama:2006:ELV

[Mae06]

Y. Maeyama. On the extreme lunar velocities. *Archive for History of Exact Sciences*, 60(3):269–283, May 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=3&spage=269>.

Magnus:2022:GLS

[Mag22]

Jan R. Magnus. Gauss on least-squares and maximum-likelihood estimation. *Archive for History of Exact Sciences*, 76(4):425–430, July 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00291-w>.

Mahoney:1968:ALG

[Mah68]

Michael S. Mahoney. Another look at Greek geometrical analysis. *Archive for History of Exact Sciences*, 5(3–4):318–348, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=3&spage=318>.

Maieru:1982:QPE

[Mai82]

Luigi Maierù. Il quinto postulato Euclideo da C. Clavio [1589] a G. Saccheri [1733]. *Archive for History of Exact Sciences*, 27(4):297–334, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=4&spage=297>.

Maieru:1989:NPP

[Mai89]

L. Maierú. Le “nonnullae propositiones de parabola” di Marino Ghetaldi. (Italian) [The nonnull propositions of the parabola of Marino Ghetaldi]. *Archive for History of Exact Sciences*, 40(3):207–245, September 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=3&spage=207>.

Maieru:1990:SCC

- [Mai90] Luigi Maierù. ”... in Christophorum Clavium de Contactu Linearum Apologia”: Considerazioni attorno alla polemica fra Peletier e Clavio circa l’angolo di contatto (1579–1589). (Italian) [”... in Christophorum Clavium de Contactu Linearum Apologia”: Considerations around the controversy between Peletier and Clavius about the contact angle (1579–1589)]. *Archive for History of Exact Sciences*, 41(2):115–137, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=115>.

Maieru:1994:SDM

- [Mai94a] Luigi Maierù. La “Filosofia delle Matematiche” di P. Galluppi. (Italian) [The ‘Philosophy of Mathematics’ of P. Galluppi]. *Archive for History of Exact Sciences*, 47(3):203–231, September 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=3&spage=203>.

Maieru:1994:RFM

- [Mai94b] Luigi Maierù. Rapporto fra “metodo” e “contenuti matematici” in P. Gesualdo Melacrinò da Reggio Calabria. (Italian) [Relationship between ‘method’ and ‘contained mathematics’ in Fater Gesualdo Melacrinò of Reggio Calabria]. *Archive for History of Exact Sciences*, 48(1):43–79, March 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=1&spage=43>.

Malley:1991:HCC

- [Mal91a] Marjorie Malley. A heated controversy on cold light. *Archive for History of Exact Sciences*, 42(2):173–186, June 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=2&spage=173>.

Maltese:1991:RRT

- [Mal91b] Giulio Maltese. The rejection of the Ricci tensor in Einstein’s first tensorial Theory of Gravitation. *Archive for His-*

tory of Exact Sciences, 41(4):363–381, December 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=4&spage=363>.

Malet:1993:JGT

[Mal93]

Antoni Malet. James Gregorie on tangents and the “Taylor” rule for series expansions. *Archive for History of Exact Sciences*, 46(2):97–137, June 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=2&spage=97>.

Maltese:2000:RML

[Mal00]

Giulio Maltese. On the relativity of motion in Leonhard Euler’s science. *Archive for History of Exact Sciences*, 54(4):319–348, January 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=4&spage=319>.

Malpangotto:2010:GCG

[Mal10]

Michela Malpangotto. Graphical choices and geometrical thought in the transmission of Theodosius’ *spherics* from antiquity to the Renaissance. *Archive for History of Exact Sciences*, 64(1):75–112, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Malpangotto:2016:OMC

[Mal16]

Michela Malpangotto. The original motivation for Copernicus’s research: Albert of Brudzewo’s *Commentariolum super Theoricas novas Georgii Purbachii*. *Archive for History of Exact Sciences*, 70(4):361–411, July 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0171-y>.

Manning:1975:EWA

[Man75]

Kenneth R. Manning. The emergence of the Weierstrassian approach to complex analysis. *Archive for History of Exact Sciences*, 14(4):297–383, December 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=4&spage=297>.

- Mancha:1989:EBT**
- [Man89] J. L. Mancha. Egidius of Baisiu's theory of pinhole images. *Archive for History of Exact Sciences*, 40(1):1–35, March 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=1&spage=1>.
- Mancha:1992:AUP**
- [Man92] J. L. Mancha. Astronomical use of pinhole images in William of Saint-Cloud's Almanach Planetarium (1292). *Archive for History of Exact Sciences*, 43(4):275–298, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=4&spage=275>.
- Mancha:1998:HRA**
- [Man98a] J. L. Mancha. Heuristic reasoning: Approximation procedures in Levi ben Gerson's astronomy. *Archive for History of Exact Sciences*, 52(1):13–50, January 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=1&spage=13>.
- Mancha:1998:IAK**
- [Man98b] J. L. Mancha. On Ibn Al-Kammad's table for trepidation. *Archive for History of Exact Sciences*, 52(1):1–11, January 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=1&spage=1>.
- Mancha:2004:ABR**
- [Man04] J. L. Mancha. Al-Bīṭūjī's theory of the motions of the fixed stars. *Archive for History of Exact Sciences*, 58(2):143–182, January 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=2&spage=143>.
- Maracchia:1980:AI**
- [Mar80] Silvio Maracchia. Aristotele e l'incommensurabilità. (Italian) [Aristotle and incommensurability]. *Archive for History of Exact*

Sciences, 21(3):201–228, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=3&spage=201>.

Martin:1993:ELI

- [Mar93] M. Carmen Hernández Martín. Esbozo de una logica interna en la obra arquimediana. (Spanish) [Outline of internal logic in the works of Archimedes]. *Archive for History of Exact Sciences*, 46(2):139–151, June 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=2&spage=139>.

Martinez:2006:RCT

- [Mar06] Alberto A. Martínez. Replication of Coulomb’s torsion balance experiment. *Archive for History of Exact Sciences*, 60(6):517–563, November 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=6&spage=517>.

Marx:2012:ICP

- [Mar12] Christian Marx. Investigations of the coordinates in Ptolemy’s Geographike Hyphegesis Book 8. *Archive for History of Exact Sciences*, 66(5):531–555, September 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=5&spage=531>.

Marx:2021:MPS

- [Mar21] Christian Marx. On the making of Ptolemy’s star catalog. *Archive for History of Exact Sciences*, 75(1):21–42, January 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Masia:2015:DHA

- [Mas15] Ramon Masia. On dating Hero of Alexandria. *Archive for History of Exact Sciences*, 69(3):231–255, May 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0148-2>.

Masia:2016:NRA

- [Mas16] Ramon Masià. A new reading of Archytas' doubling of the cube and its implications. *Archive for History of Exact Sciences*, 70(2):175–204, March 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0165-9>.

Mathews:1978:WRH

- [Mat78] Jerold Mathews. William Rowan Hamilton's paper of 1837 on the arithmetization of analysis. *Archive for History of Exact Sciences*, 19(2):177–200, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=2&spage=177>.

Mathews:1985:NOT

- [Mat85] Jerold Mathews. A neolithic oral tradition for the van der Waerden/Seidenberg origin of mathematics. *Archive for History of Exact Sciences*, 34(3):193–220, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=193>.

McCarthy:2003:AKS

- [MB03] Daniel P. McCarthy and John G. Byrne. Al-Khwārizmī's sine tables and a Western table with the Hindu norm of $R = 150$. *Archive for History of Exact Sciences*, 57(3):243–266, April 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=3&spage=243>.

Marcacci:2025:HUK

- [MB25] Flavia Marcacci and Paolo Bussotti. How to use Kepler's first and second laws in a geo-heliocentric system? Ask G. B. Riccioli. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00343-3>.

McCormmach:1966:ATJ

- [McC66] Russell McCormmach. The atomic theory of John William Nicholson. *Archive for History of Exact Sciences*, 3(2):160–184,

- January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=2&spage=160>.
- McCarthy:1996:LPT**
- [McC96] Daniel McCarthy. The lunar and Paschal tables of De ratione paschali attributed to Anatolius of Laodicea. *Archive for History of Exact Sciences*, 49(4):285–320, December 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=4&spage=285>.
- McGuire:1966:BVN**
- [McG66] J. E. McGuire. Body and void and Newton’s De Mundi systemate: Some new sources. *Archive for History of Exact Sciences*, 3(3):206–248, January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=3&spage=206>.
- McHugh:1971:HSO**
- [McH71] James A. M. McHugh. An historical survey of ordinary linear differential equations with a large parameter and turning points. *Archive for History of Exact Sciences*, 7(4):277–324, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=4&spage=277>.
- McLarty:2011:ENF**
- [McL11] Colin McLarty. Emmy Noether’s first great mathematics and the culmination of first-phase logicism, formalism, and intuitionism. *Archive for History of Exact Sciences*, 65(1):99–117, January 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=1&spage=99>.
- Meli:2006:ICF**
- [Mel06] Domenico Bertoloni Meli. Inherent and centrifugal forces in Newton. *Archive for History of Exact Sciences*, 60(3):319–335, May 2006. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=3&spage=319>.

Mendell:2007:TTT

[Men07]

Henry Mendell. Two traces of two-step Eudoxan proportion theory in Aristotle: a tale of definitions in Aristotle, with a moral. *Archive for History of Exact Sciences*, 61(1):3–37, January 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=1&spage=3>.

Mendell:2023:HTC

[Men23]

Henry Mendell. Hero and the tradition of the circle segment. *Archive for History of Exact Sciences*, 77(5):451–499, September 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00308-y>.

Merker:2002:AAC

[Mer02]

Anne Merker. Aristote et l’arc-en-ciel: Enjeux philosophiques et étude scientifique. (French) [Aristotle and the rainbow: Philosophical issues and scientific studies]. *Archive for History of Exact Sciences*, 56(3):183–238, May 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=3&spage=183>.

Mercier:2007:SSM

[Mer07]

Raymond Mercier. The standard scheme of the Moon and its mean quantities. *Archive for History of Exact Sciences*, 61(3):255–272, May 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=3&spage=255>.

Meschkowski:1965:BGC

[Mes65]

Herbert Meschkowski. Aus den Briefbüchern Georg Cantors. (German) [From the diaries of George Cantor]. *Archive for History of Exact Sciences*, 2(6):503–519, December 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=6&spage=503>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=6&spage=503>.

Middleton:1969:PDB

[Mid69]

W. E. Knowles Middleton. Paolo del Buono on the elasticity of air. *Archive for History of Exact Sciences*, 6(1):1–28, January 1969. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=1&spage=1>.

Middleton:1973:GAB

[Mid73]

W. E. Knowles Middleton. Giovanni Alfonso Borelli and the invention of the Heliostat. *Archive for History of Exact Sciences*, 10(3–5):329–341, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=10&issue=3&spage=329>.

Miller:1973:SHP

[Mil73]

Arthur I. Miller. A study of Henri Poincaré’s “Sur la Dynamique de l’Électron”. *Archive for History of Exact Sciences*, 10(3–5):207–328, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=10&issue=3&spage=207>.

Mills:1983:CBC

[Mil83]

Stella Mills. The controversy between Colin MacLaurin and George Campbell over complex roots, 1728–1729. *Archive for History of Exact Sciences*, 28(2):149–164, June 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=2&spage=149>.

Mills:1985:IDL

[Mil85]

Stella Mills. The independent derivations by Leonhard Euler and Colin MacLaurin of the Euler–MacLaurin summation formula. *Archive for History of Exact Sciences*, 33(1–3):1–13, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=1&spage=1>.

- Miller:2017:PRP**
- [Mil17] David Marshall Miller. The Parallelogram Rule from pseudo-Aristotle to Newton. *Archive for History of Exact Sciences*, 71(2):157–191, March 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-016-0183-2>.
- Mittelstrass:1965:EMW**
- [Mit65] Jürgen Mittelstrass. Die Entdeckung der Möglichkeit von Wissenschaft. (German) [The development of probability in science]. *Archive for History of Exact Sciences*, 2(5):410–435, August 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=5&spage=410>.
- Mitchell:2019:CEC**
- [Mit19a] Daniel Jon Mitchell. Correction to: "The etherealization of common sense?" Arithmetical and algebraic modes of intelligibility in late Victorian mathematics of measurement. *Archive for History of Exact Sciences*, 73(2):181, March 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-018-0220-4.pdf>. See [Mit19b].
- Mitchell:2019:ECS**
- [Mit19b] Daniel Jon Mitchell. "The etherealization of common sense?" Arithmetical and algebraic modes of intelligibility in late Victorian mathematics of measurement. *Archive for History of Exact Sciences*, 73(2):125–180, March 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). See correction [Mit19a].
- Moesgaard:1974:TIQ**
- [Moe74] Kristian Peder Moesgaard. Thabit Ibn Qurra between Ptolemy and Copernicus: an analysis of Thabit's solar theory. *Archive for History of Exact Sciences*, 12(3):199–216, September 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=3&spage=199>.

- [Mol78] A. G. Molland. An examination of Bradwardine's geometry. *Archive for History of Exact Sciences*, 19(2):113–175, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=2&spage=113>.
- [Mon72] A. F. Monna. The concept of function in the 19th and 20th centuries, in particular with regard to the discussions between Baire, Borel and Lebesgue. *Archive for History of Exact Sciences*, 9(1):57–84, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=1&spage=57>.
- [Moo25] Damian Moosbrugger. A clockmaker's mathematics: a technology-based approach to the mathematical works of Jost Bürgi (1552–1632). *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-025-00347-7>.
- [Moz14] S. Mohammad Mozaffari. Muhyi al-Din al-Maghribi's lunar measurements at the Maragha observatory. *Archive for History of Exact Sciences*, 68(1):67–120, January 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0130-4>.
- [Moz16a] S. Mohammad Mozaffari. A forgotten solar model. *Archive for History of Exact Sciences*, 70(3):267–291, May 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0167-7>.
- [Moz16b] S. Mohammad Mozaffari. Planetary latitudes in medieval Islamic astronomy: an analysis of the non-Ptolemaic latitude parameter values in the Maragha and Samarqand astronomical

traditions. *Archive for History of Exact Sciences*, 70(5):513–541, September 2016. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0172-x>.

Mozaffari:2018:AMS

- [Moz18a] S. Mohammad Mozaffari. An analysis of medieval solar theories. *Archive for History of Exact Sciences*, 72(2):191–243, March 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Mozaffari:2018:AOM

- [Moz18b] S. Mohammad Mozaffari. Astronomical observations at the Maragha observatory in the 1260s–1270s. *Archive for History of Exact Sciences*, 72(6):591–641, November 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Mozaffari:2019:IAF

- [Moz19] S. Mohammad Mozaffari. Ibn al-Fahhad and the Great Conjunction of 1166 AD. *Archive for History of Exact Sciences*, 73(5):517–549, September 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Mozaffari:2022:MCS

- [Moz22] S. Mohammad Mozaffari. A mechanical concentric solar model in Khazini’s *Mu’tabar zij*. *Archive for History of Exact Sciences*, 76(5):513–529, September 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00292-9>.

Mozaffari:2024:HST

- [Moz24a] S. Mohammad Mozaffari. Hipparchus’ selenelion and two pairs of lunar eclipses revisited. *Archive for History of Exact Sciences*, 78(4):361–373, July 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00330-8>.

Mozaffari:2024:IAZ

- [Moz24b] S. Mohammad Mozaffari. Ibn al-Zarqalluh’s discovery of the annual equation of the Moon. *Archive for History of Exact Sciences*, 78(3):271–304, May 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00323-z>.

Ma:2022:PDH

- [MP22] Minghui Ma and Ahti-Veikko Pietarinen. Peirce’s dragon-head logic (R 501, 1901). *Archive for History of Exact Sciences*, 76(3):261–317, May 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00285-0>.

Mawhin:2010:SDE

- [MR10] Jean Mawhin and André Ronveaux. Schrödinger and Dirac equations for the hydrogen atom, and Laguerre polynomials. *Archive for History of Exact Sciences*, 64(4):429–460, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Moyon:2015:LFO

- [MS15a] Marc Moyon and Maryvonne Spiesser. L’arithmétique des fractions dans l’oeuvre de Fibonacci: fondements & usages. *Archive for History of Exact Sciences*, 69(4):391–427, July 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0155-y>.

Mozaffari:2015:SLO

- [MS15b] S. Mohammad Mozaffari and John M. Steele. Solar and lunar observations at Istanbul in the 1570s. *Archive for History of Exact Sciences*, 69(4):343–362, July 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0153-0>.

McKinzie:1997:HLE

- [MT97] Mark McKinzie and Curtis Tuckey. Hidden lemmas in Euler’s summation of the reciprocals of the squares. *Archive for History of Exact Sciences*, 51(1):29–57, March 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=1&spage=29>.

Maurey:2013:TRV

- [MT13] Bernard Maurey and Jean-Pierre Tacchi. Sur le théorème de recouvrement de Vitali. (French) [On Vitali’s covering theorem]. *Archive for History of Exact Sciences*, 67(1):81–118, January 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0109-6>.

[Mue70]

Ian Mueller. Homogeneity in Eudoxus’s theory of proportion. *Archive for History of Exact Sciences*, 7(1):1–6, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=1&spage=1>.

Mueller:1970:HET

[Muk74]

Viśvapriya Mukherji. A history of the meson theory of nuclear forces from 1935 to 1952. *Archive for History of Exact Sciences*, 13(1):27–102, March 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=1&spage=27>.

Mukherji:1974:HMT

[MZ24]

Laure Miolo and Stefan Zieme. Lewis Caerleon and the equation of time: tabular astronomical practices in late fifteenth-century England. *Archive for History of Exact Sciences*, 78(2):183–243, March 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00324-y>.

Miolo:2024:LCE

[Nab08]

Philippe Nabonnand. La théorie des Würfe [casts] de von Staudt — une irruption de l’algèbre dans la géométrie pure. (French) [The casts of von Staudt theory — an eruption of algebra in pure geometry]. *Archive for History of Exact Sciences*, 62(3):201–242, May 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=3&spage=201>.

Nabonnand:2008:TWS

[Nar25]

Claudio Narduzzi. A metrological and historical perspective on the *stadion* and its use in ancient geography. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00338-0>.

Narduzzi:2025:MHP

- Nauenberg:1994:NEC**
- [Nau94] Michael Nauenberg. Newton's early computational method for dynamics. *Archive for History of Exact Sciences*, 46(3):221–252, February 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=3&spage=221>.
- Nauenberg:2010:EAC**
- [Nau10] M. Nauenberg. The early application of the calculus to the inverse square force problem. *Archive for History of Exact Sciences*, 64(3):269–300, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- Nauenberg:2011:PBP**
- [Nau11] Michael Nauenberg. Proposition 10, Book 2, in the Principia, revisited. *Archive for History of Exact Sciences*, 65(5):567–587, September 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=5&spage=567>.
- Nauenberg:2014:OMF**
- [Nau14] Michael Nauenberg. Orbital motion and force in Newton's *Principia*; the equivalence of the descriptions in Propositions 1 and 6. *Archive for History of Exact Sciences*, 68(2):179–205, March 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0136-6>.
- Nauenberg:2015:SLS**
- [Nau15] Michael Nauenberg. Solution to the long-standing puzzle of Huygens' "anomalous suspension". *Archive for History of Exact Sciences*, 69(3):327–341, May 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0152-1>.
- Navarro:1998:GEF**
- [Nav98] Luis Navarro. Gibbs, Einstein and the foundations of statistical mechanics. *Archive for History of Exact Sciences*, 53(2):147–180, June 1998. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=2&spage=147>.

Nadal:1984:CHS

- [NB84] R. Nadal and J.-P. Brunet. Le “Commentaire” d’Hipparque I. La sphère mobile. *Archive for History of Exact Sciences*, 29(3):201–236, September 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=3&spage=201>.

Nadal:1989:CHI

- [NB89] R. Nadal and J.-P. Brunet. Le “Commentaire” d’Hipparque II. Position de 78 étoiles. (French) [Hipparchus’ Commentary II. Position of 78 stars]. *Archive for History of Exact Sciences*, 40(4):305–354, December 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=4&spage=305>.

Neményi:1962:MCI

- [Nem62] P. F. Neményi. The main concepts and ideas of fluid dynamics in their historical development. *Archive for History of Exact Sciences*, 2(1):52–86, August 1962. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=1&spage=52>.

Netz:1999:ATC

- [Net99] Reviel Netz. Archimedes transformed: The case of a result stating a maximum for a cubic equation. *Archive for History of Exact Sciences*, 54(1):1–47, April 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=1&spage=1>.

Netuka:2020:LCC

- [Net20] Ivan Netuka. Lebesgue’s criticism of Carl Neumann’s method in potential theory. *Archive for History of Exact Sciences*, 74(1):77–108, January 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

- Neuenschwander:1973:BFG**
- [Neu73a] E. Neuenschwander. Beiträge zur Frühgeschichte der griechischen Geometrie I. (German) [Contributions to the early history of Greek geometry I]. *Archive for History of Exact Sciences*, 11(2–3):127–133, June 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=2&spage=127>.
- Neuenschwander:1973:EVB**
- [Neu73b] E. Neuenschwander. Die ersten vier Bücher der Elemente Euklids. (German) [The first four books of Euclid's Elements]. *Archive for History of Exact Sciences*, 9(4–5):325–380, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=4&spage=325>. Untersuchungen über den mathematischen Aufbau, die Zitierweise und die Entstehungsgeschichte.
- Neuenschwander:1974:SBE**
- [Neu74] E. Neuenschwander. Die stereometrischen Bücher der Elemente Euklids. (German) [The stereometric books of Euclid's Elements]. *Archive for History of Exact Sciences*, 14(2):91–125, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=2&spage=91>. Untersuchungen über den mathematischen Aufbau und die Entstehungsgeschichte.
- Neuenschwander:1978:NCP**
- [Neu78] E. Neuenschwander. Der Nachlaß von Casorati (1835–1890) in Pavia. (German) [The deduction of Casorati (1835–1890) in Pavia]. *Archive for History of Exact Sciences*, 19(1):1–89, March 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=1&spage=1>.
- Neuenschwander:1981:WZF**
- [Neu81] E. Neuenschwander. Über die Wechselwirkungen zwischen der französischen Schule, Riemann und Weierstraß. Eine Übersicht

mit zwei Quellenstudien. (German) [On the reciprocal effects between the French school, Riemann and Weierstrass. An overview with two source studies]. *Archive for History of Exact Sciences*, 24(3):221–255, September 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=3&spage=221>.

Neumann:1997:EGT

- [Neu97] Olaf Neumann. Die Entwicklung der Galois–Theorie zwischen Arithmetik und Topologie (1850 bis 1960). (German) [The development of Galois theory between arithmetic and topology (1850 to 1960)]. *Archive for History of Exact Sciences*, 50(3–4):291–329, September 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=3&spage=291>.

Neumann:2006:CPG

- [Neu06] Peter M. Neumann. The concept of primitivity in group theory and the second memoir of Galois. *Archive for History of Exact Sciences*, 60(4):379–429, July 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=4&spage=379>.

Niss:2005:HLI

- [Nis05] Martin Niss. History of the Lenz–Ising Model 1920–1950: From ferromagnetic to cooperative phenomena. *Archive for History of Exact Sciences*, 59(3):267–318, March 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=3&spage=267>.

Niss:2009:HLI

- [Nis09] Martin Niss. History of the Lenz–Ising model 1950–1965: from irrelevance to relevance. *Archive for History of Exact Sciences*, 63(3):243–287, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Niss:2011:HLI

- [Nis11] Martin Niss. History of the Lenz–Ising model 1965–1971: the role of a simple model in understanding critical phenom-

ena. *Archive for History of Exact Sciences*, 65(6):625–658, November 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=6&spage=625>.

Norton:1992:ENE

[Nor92]

John D. Norton. Einstein, Nordström and the early demise of scalar, Lorentz-covariant theories of gravitation. *Archive for History of Exact Sciences*, 45(1):17–94, March 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=1&spage=17>.

Norton:2004:EIG

[Nor04]

John D. Norton. Einstein’s investigations of Galilean covariant electrodynamics prior to 1905. *Archive for History of Exact Sciences*, 59(1):45–105, November 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=1&spage=45>.

Nothaft:2017:CTM

[Not17]

C. Philipp E. Nothaft. Criticism of trepidation models and advocacy of uniform precession in medieval Latin astronomy. *Archive for History of Exact Sciences*, 71(3):211–244, May 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Nothaft:2018:JHT

[Not18]

C. Philipp E. Nothaft. John Holbroke, the Tables of Cambridge, and the “true length of the year”: a forgotten episode in fifteenth-century astronomy. *Archive for History of Exact Sciences*, 72(1):63–88, January 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Nothaft:2023:MAG

[Not23]

C. Philipp E. Nothaft. Measurements of altitude and geographic latitude in Latin astronomy, 1100–1300. *Archive for History of Exact Sciences*, 77(6):537–577, November 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00312-2>.

Nothaft:2024:GLL

- [Not24] C. Philipp E. Nothaft. Geographic longitude in Latin Europe during the twelfth and thirteenth centuries. *Archive for History of Exact Sciences*, 78(1):29–65, January 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00316-y>.

Navarro:2004:PEN

- [NP04] Luis Navarro and Enric Pérez. Paul Ehrenfest on the necessity of quanta (1911): Discontinuity, quantization, corpuscularity, and adiabatic invariance. *Archive for History of Exact Sciences*, 58(2):97–141, January 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=2&spage=97>.

Navarro:2006:PEG

- [NP06] Luis Navarro and Enric Pérez. Paul Ehrenfest: The genesis of the Adiabatic Hypothesis, 1911–1914. *Archive for History of Exact Sciences*, 60(2):209–267, March 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=2&spage=209>.

Nadal:2004:EAC

- [NTP04a] Robert Nadal, Abdelkaddous Taha, and Pierre Pinel. Erratum: Le contenu astronomique des sphériques de Ménélaos: (French) [Erratum: The astronomical content of the Spherics of Menelaos]. *Archive for History of Exact Sciences*, 58(5):437, July 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=5&spage=437>. See [NTP04b].

Nadal:2004:CAS

- [NTP04b] Robert Nadal, Abdelkaddous Taha, and Pierre Pinel. Le contenu astronomique des sphériques de Ménélaos. (French) [The astronomical content of the spherics of menelaos]. *Archive for History of Exact Sciences*, 58(5):381–436, July 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=5&spage=381>.

0003-9519&volume=58&issue=5&spage=381. See erratum
[NTP04a].

Oaks:2009:PEA

- [Oak09] Jeffrey A. Oaks. Polynomials and equations in Arabic algebra. *Archive for History of Exact Sciences*, 63(2):169–203, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Oaks:2018:FVR

- [Oak18] Jeffrey A. Oaks. François Viète’s revolution in algebra. *Archive for History of Exact Sciences*, 72(3):245–302, May 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Oswald:2014:CCF

- [OS14] Nicola M. R. Oswald and Jörn J. Steuding. Complex continued fractions: early work of the brothers Adolf and Julius Hurwitz. *Archive for History of Exact Sciences*, 68(4):499–528, July 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0135-7>.

Osada:2013:INQ

- [Osa13] Naoki Osada. Isaac Newton’s ‘Of Quadrature by Ordinates’. *Archive for History of Exact Sciences*, 67(4):457–476, July 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0117-1>.

Ossendrijver:2018:BTT

- [Oss18] Mathieu Ossendrijver. Bisecting the trapezoid: tracing the origins of a Babylonian computation of Jupiter’s motion. *Archive for History of Exact Sciences*, 72(2):145–189, March 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Oswald:2017:RBM

- [Osw17] Nicola M. R. Oswald. On a relation between modular functions and Dirichlet series: found in the estate of Adolf Hurwitz. *Archive for History of Exact Sciences*, 71(4):345–361, July 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Paiow:1971:MS

- [Pai71] Michael Paiow. Die Mathematische Staatsstelle. I. (German) [The mathematical public office. I]. *Archive for History of Ex-*

act Sciences, 8(1–2):1–8, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=1&spage=1>.

Paiow:1974:MSI

- [Pai74] Michael Paiow. Die Mathematische Staatsstelle. II. (German) [The mathematical public office. II]. *Archive for History of Exact Sciences*, 12(2):174–185, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=2&spage=174>.

Paiow:1977:MSI

- [Pai77] Michael Paiow. Die Mathematische Staatsstelle. III. (German) [The mathematical public office. III]. *Archive for History of Exact Sciences*, 18(1):1–26, March 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=1&spage=1>.

Paiow:1982:MT

- [Pai82] M. E. Paiow. Die Mathematische Theaetetsstelle. (German) [The mathematical Theaetet position]. *Archive for History of Exact Sciences*, 27(1):87–99, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=1&spage=87>. With notes by M. L. Gasparov.

Palladino:1985:ICO

- [Pal85] Franco Palladino. Individuo e classe: l'origine e il significato di \in nel simbolismo di Peano. (Italian) [Individual and class: the origin and meaning of \in in Peano's notation]. *Archive for History of Exact Sciences*, 34(3):241–256, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=241>.

Palmieri:1998:REG

- [Pal98] Paolo Palmieri. Re-examining Galileo's Theory of Tides. *Archive for History of Exact Sciences*, 53(3–4):223–375, Novem-

ber 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=3&spage=223>.

Palmieri:2001:OEC

- [Pal01] Paolo Palmieri. The obscurity of the equimultiples Clavius' and Galileo's foundational studies of Euclid's Theory of Proportions. *Archive for History of Exact Sciences*, 55(6):555–597, June 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=6&spage=555>.

Palmieri:2005:CDG

- [Pal05] Paolo Palmieri. The cognitive development of Galileo's Theory of Buoyancy. *Archive for History of Exact Sciences*, 59(2):189–222, January 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=2&spage=189>.

Palmieri:2006:NLG

- [Pal06] P. Palmieri. A new look at Galileo's search for mathematical proofs. *Archive for History of Exact Sciences*, 60(3):285–317, May 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=3&spage=285>.

Palmieri:2008:BCE

- [Pal08] Paolo Palmieri. Breaking the circle: the emergence of Archimedean mechanics in the late Renaissance. *Archive for History of Exact Sciences*, 62(3):301–346, May 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=3&spage=301>.

Palmieri:2009:SCP

- [Pal09] Paolo Palmieri. Superposition: on Cavalieri's practice of mathematics. *Archive for History of Exact Sciences*, 63(5):471–495, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Papadopoulos:2017:NAT

- [Pap17] Athanase Papadopoulos. Nicolas-Auguste Tissot: a link between cartography and quasiconformal theory. *Archive for History of Exact Sciences*, 71(4):319–336, July 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Parshall:1985:JHM

- [Par85] Karen Hunger Parshall. Joseph H. M. Wedderburn and the structure theory of algebras. *Archive for History of Exact Sciences*, 32(3–4):223–349, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=3&spage=223>.

Parshall:1988:AFS

- [Par88] Karen Hunger Parshall. America’s first school of mathematical research: James Joseph Sylvester at The Johns Hopkins University 1876–1883. *Archive for History of Exact Sciences*, 38(2):153–196, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=2&spage=153>.

Provost:2006:RPT

- [PB06] Jean-Pierre Provost and Christian Bracco. La Relativité de Poincaré de 1905 et les transformations actives. (French) [Poincaré’s Relativity of 1905 and active transformations]. *Archive for History of Exact Sciences*, 60(3):337–351, May 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=3&spage=337>.

Pedersen:2000:WFT

- [Ped00] Kurt Møller Pedersen. Water-filled telescopes and the pre-history of Fresnel’s ether dragging. *Archive for History of Exact Sciences*, 54(6):499–564, June 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=6&spage=499>.

Pepper:1968:HCM

- [Pep68] Jon V. Pepper. Harriot's calculation of the meridional parts as logarithmic tangents. *Archive for History of Exact Sciences*, 4(5):359–413, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=5&spage=359>.

Perez:2009:EAT

- [Pér09a] Enric Pérez. Ehrenfest's adiabatic theory and the old quantum theory, 1916–1918. *Archive for History of Exact Sciences*, 63(1):81–125, January 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=1&spage=81>. See erratum [Pér09b].

Perez:2009:EEA

- [Pér09b] Enric Pérez. Erratum: Ehrenfest's adiabatic hypothesis and the old quantum theory, 1916–1918. *Archive for History of Exact Sciences*, 63(1):127, January 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=1&spage=127>. See [Pér09a].

Peters:1961:PGK

- [Pet61] Wilhelm Servatius Peters. Das Parallelenproblem bei A. G. Kaestner Zur Parallelenforschung im 18. Jahrhundert. (German) [The parallel problem of A. G. Kaestner for parallel research in the 18th century]. *Archive for History of Exact Sciences*, 1(5):480–487, October 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=5&spage=480>. Zur Parallelenforschung im 18. Jahrhundert.

Peters:1963:BKK

- [Pet63] Wilhelm Servatius Peters. Zum Begriff der Konstruierbarkeit bei I. Kant. (German) [On the term constructability of I. Kant]. *Archive for History of Exact Sciences*, 2(2):153–167, August 1963. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=153>.

Petrova:1987:HDS

- [Pet87] Svetlana S. Petrova. Heaviside and the development of the symbolic calculus. *Archive for History of Exact Sciences*, 37(1):1–23, March 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=1&spage=1>.

Petruccioli:2011:CBU

- [Pet11] Sandro Petruccioli. Complementarity before uncertainty. *Archive for History of Exact Sciences*, 65(6):591–624, November 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=6&spage=591>.

Petruccioli:2014:CPV

- [Pet14] Sandro Petruccioli. Correspondence principle versus Planck-type theory of the atom. *Archive for History of Exact Sciences*, 68(5):599–639, September 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0137-5>.

Pottage:1974:MQG

- [Pot74] John Pottage. The mensuration of quadrilaterals and the generation of Pythagorean triads: a mathematical, heuristical and historical study with special reference to Brahmagupta’s rules. *Archive for History of Exact Sciences*, 12(4):299–354, August 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=4&spage=299>.

Pourciau:1992:NSO

- [Pou92a] Bruce Pourciau. Newton’s solution of the one-body problem. *Archive for History of Exact Sciences*, 44(2):125–146, June 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=2&spage=125>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=2&spage=125>.

Pourciau:1992:RP

- [Pou92b] Bruce Pourciau. Radical principia. *Archive for History of Exact Sciences*, 44(4):331–363, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=4&spage=331>.

Pourciau:1998:PML

- [Pou98] Bruce Pourciau. The preliminary mathematical lemmas of Newton’s Principia. *Archive for History of Exact Sciences*, 52(3):279–295, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=3&spage=279>.

Pourciau:2001:ION

- [Pou01] Bruce Pourciau. The integrability of ovals: Newton’s Lemma 28 and its counterexamples. *Archive for History of Exact Sciences*, 55(5):479–499, April 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=5&spage=479>.

Pourciau:2003:NAP

- [Pou03] Bruce Pourciau. Newton’s argument for Proposition 1 of the Principia. *Archive for History of Exact Sciences*, 57(4):267–311, May 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=4&spage=267>.

Pourciau:2004:IBE

- [Pou04] Bruce Pourciau. The importance of being equivalent: Newton’s two models of one-body motion. *Archive for History of Exact Sciences*, 58(4):283–321, May 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=4&spage=283>.

Pourciau:2006:NIN

- [Pou06] Bruce Pourciau. Newton’s interpretation of Newton’s Second Law. *Archive for History of Exact Sciences*, 60(2):157–207, March 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=2&spage=157>.

Pourciau:2009:PIB

- [Pou09] Bruce Pourciau. Proposition II (Book I) of Newton’s *principia*. *Archive for History of Exact Sciences*, 63(2):129–167, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Pourciau:2020:PSL

- [Pou20] Bruce Pourciau. The *Principia*’s second law (as Newton understood it) from Galileo to Laplace. *Archive for History of Exact Sciences*, 74(3):183–242, May 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00242-y>.

Peruzzi:2011:QSU

- [PR11] Giulio Peruzzi and Matteo Realdi. The quest for the size of the universe in early relativistic cosmology (1917–1930). *Archive for History of Exact Sciences*, 65(6):659–689, November 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=6&spage=659>.

Peruzzi:2023:HGC

- [PR23] Giulio Peruzzi and Valentina Roberti. Helmholtz and the geometry of color space: gestation and development of Helmholtz’s line element. *Archive for History of Exact Sciences*, 77(2):201–220, March 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00304-2>.

Proverbio:1988:RGB

- [Pro88] Edoardo Proverbio. R. G. Boscovich’s determination of instrumental errors in observation. *Archive for History of Exact Sciences*, 38(2):135–152, June 1988. CODEN AHESAN.

ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=2&spage=135>.

Perez:2010:EQT

- [PS10] Enric Pérez and Tilman Sauer. Einstein’s quantum theory of the monatomic ideal gas: non-statistical arguments for a new statistics. *Archive for History of Exact Sciences*, 64(5):561–612, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Palladino:1996:LEB

- [PT96] Franco Palladino and Rossana Tazzioli. Le lettere di Eugenio Beltrami nella corrispondenza di Ernesto Cesàro. (Italian) [Letters of Eugene Beltrami in the correspondence of Ernesto Cesàro]. *Archive for History of Exact Sciences*, 49(4):321–353, December 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=4&spage=321>.

Pyenson:1977:HME

- [Pye77] Lewis Pyenson. Hermann Minkowski and Einstein’s Special Theory of Relativity. *Archive for History of Exact Sciences*, 17(1):71–95, May 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=1&spage=71>. With an appendix of Minkowski’s “Funktiontheorie” manuscript.

Pyenson:1979:PSM

- [Pye79] Lewis Pyenson. Physics in the shadow of mathematics: The Göttingen electron-theory seminar of 1905. *Archive for History of Exact Sciences*, 21(1):55–89, March 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=1&spage=55>.

Pyenson:1982:RLW

- [Pye82] Lewis Pyenson. Relativity in late Wilhelmian Germany: The appeal to a preestablished harmony between mathematics and physics. *Archive for History of Exact Sciences*, 27(2):137–155, June 1982. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=2&spage=137>.

Quan:2025:REC

- [QZH25] Tang Quan, Wang Zhenhua, and Peng Huiying. Research on the expansion-contraction difference for the inner planets in ancient China. *Archive for History of Exact Sciences*, 79(1):??, December 2025. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00342-4>.

Rabouin:2020:LSI

- [RA20] David Rabouin and Richard T. W. Arthur. Leibniz’s syncategorematic infinitesimals II: their existence, their use and their role in the justification of the differential calculus. *Archive for History of Exact Sciences*, 74(5):401–443, September 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Rabinovitch:1970:RLB

- [Rab70] Nachum L. Rabinovitch. Rabbi Levi Ben Gershon and the origins of mathematical induction. *Archive for History of Exact Sciences*, 6(3):237–248, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=3&spage=237>.

Rabinovitch:1974:EAE

- [Rab74] Nachum L. Rabinovitch. Early antecedents of error theory. *Archive for History of Exact Sciences*, 13(4):348–358, December 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=4&spage=348>.

Rashed:1970:OGD

- [Ras70] Roshdi Rashed. Optique Géometrique et doctrine optique chez Ibn Al Haytham. *Archive for History of Exact Sciences*, 6(4):271–298, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=4&spage=271>.

Rasche:1971:GBS

- [Ras71] G. Rasche. Zur Geschichte des Begriffes “Isospin”. (German) [On the history of the term “isospin”]. *Archive for History of Exact Sciences*, 7(4):257–276, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=4&spage=257>.

Rashed:1972:LMA

- [Ras72] Roshdi Rashed. L’induction mathématique: al-Karaji, as-Samaw’al. (French) [Mathematical induction: al-Karaji, as-Samaw’al]. *Archive for History of Exact Sciences*, 9(1):1–21, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=1&spage=1>.

Rashed:1974:REN

- [Rās74] Roshdī Rāshed. Résolution des équations numériques et algèbre: Saraf-al-din al-Tusi, Viète. (French) [Resolution of numerical equations and algebra: Šaraf-al-din al-Tūsī, Viète]. *Archive for History of Exact Sciences*, 12(3):244–290, September 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=3&spage=244>.

Rashed:1978:LRI

- [Rās78] Roshdī Rāshed. L’extraction de la racine $n^{\text{ième}}$ et l’invention des fractions Décimales (XI^e–XII^e siècles). (French) [The extraction of the n^{th} root and the invention of decimal fractions (11th–12th centuries)]. *Archive for History of Exact Sciences*, 18(3):191–243, September 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=3&spage=191>.

Rashed:1980:IAH

- [Ras80] Roshdi Rashed. Ibn al-Haytham et le théorème de Wilson. (French) [Ibn al-Haytham and Wilson’s Theorem]. *Archive for History of Exact Sciences*, 22(4):305–321, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

- URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=4&spage=305>.
- Rashed:1983:NAP**
- [Ras83] R. Rashed. Nombres amiables, parties aliquotes et nombres figurés aux XIII^{ème} et XIV^{ème} siècles. (French) [friendly numbers, aliquot parts and figured numbers in the 13th and 14th centuries]. *Archive for History of Exact Sciences*, 28(2):107–147, June 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=2&spage=107>.
- Rawlins:1982:ESN**
- [Raw82] Dennis Rawlins. The Eratosthenes–Strabo Nile Map. Is it the earliest surviving instance of spherical cartography? Did it supply the 5000 stades arc for Eratosthenes’ experiment? *Archive for History of Exact Sciences*, 26(3):211–219, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=3&spage=211>.
- Raynaud:2014:BSC**
- [Ray14] Dominique Raynaud. Building the stemma codicum from geometric diagrams. *Archive for History of Exact Sciences*, 68(2):207–239, March 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-013-0134-0>.
- Raynaud:2020:MAT**
- [Ray20] Dominique Raynaud. Mathématiques et architecture: le tracé de l’entasis par Nicolas–François Blondel. *Archive for History of Exact Sciences*, 74(5):445–468, September 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- Rybski:2023:ALZ**
- [RC23] Diego Rybski and Antonio Ciccone. Auerbach, Lotka, and Zipf: pioneers of power-law city-size distributions. *Archive for History of Exact Sciences*, 77(6):601–613, November 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00314-0>.

Romo:1994:FIM

- [RD94] José Romo and Manuel G. Doncel. Faraday’s initial mistake concerning the direction of induced currents, and the manuscript of series I of his researches. *Archive for History of Exact Sciences*, 47(4):291–385, December 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=47&issue=4&spage=291>.

Rommevaux:2001:RHD

- [RDV01] S. Rommevaux, A. Djebbar, and B. Vitrac. Remarques sur l’histoire du texte des Éléments d’Euclide. (French) [Remarks on the history of the text of Euclid’s *Elements*]. *Archive for History of Exact Sciences*, 55(3):221–295, January 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=3&spage=221>.

Recasens:1994:JZC

- [Rec94] E. Recasens. J. Zaragoza’s centrum minimum, an early version of barycentric geometry. *Archive for History of Exact Sciences*, 46(4):285–320, December 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=4&spage=285>.

Reich:1973:GDG

- [Rei73] Karin Reich. Die Geschichte der Differentialgeometrie von Gauß bis Riemann (1828–1868). (German) [The history of differential geometry from Gauss to Riemann]. *Archive for History of Exact Sciences*, 11(4):273–376, December 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=4&spage=273>.

Reich:1989:EVD

- [Rei89] Karin Reich. Das Eindringen des Vektorkalküls in die Differentialgeometrie. (German) [The penetration of vector calculus in differential geometry]. *Archive for History of Exact Sciences*, 40(3):275–303, September 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=3&spage=275>.

Reich:1992:LCP

- [Rei92] Karin Reich. Levi-Civitasche Parallelverschiebung, affiner Zusammenhang, Übertragungsprinzip: 1916/17–1922/23. (German) [Levi-Civita translation, affine connection, transmission principle]. *Archive for History of Exact Sciences*, 44(1):77–105, March 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=1&spage=77>.

Reich:2003:CGC

- [Rei03] Karin Reich. Cauchy und Gauß. Cauchys Rezeption im Umfeld von Gauß. (German) [Cauchy and Gauss. Cauchy's reception in the field surrounding Gauss]. *Archive for History of Exact Sciences*, 57(6):433–463, September 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=6&spage=433>.

Renn:1997:ECD

- [Ren97] Jürgen Renn. Einstein's controversy with Drude and the origin of statistical mechanics: a new glimpse from the “Love Letters”. *Archive for History of Exact Sciences*, 51(4):315–354, December 1997. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=51&issue=4&spage=315>.

Raynaud:2019:ANC

- [RGM19] Dominique Raynaud, Samuel Gessner, and Bernardo Mota. Andalò di Negro's *De compositione astrolabii*: a critical edition with English translation and notes. *Archive for History of Exact Sciences*, 73(6):551–617, November 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Riddell:1978:LVM

- [Rid78] R. C. Riddell. The latitudes of Venus and Mercury in the Almagest. *Archive for History of Exact Sciences*, 19(2):95–111, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=2&spage=95>.

Riddell:1979:EME

- [Rid79] R. C. Riddell. Eudoxan mathematics and the Eudoxan spheres. *Archive for History of Exact Sciences*, 20(1):1–19, March 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=1&spage=1>.

Riddell:1980:PDP

- [Rid80] R. C. Riddell. Parameter disposition in pre-Newtonian planetary theories. *Archive for History of Exact Sciences*, 23(2):87–157, June 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=2&spage=87>.

Rittberg:2015:HWC

- [Rit15] Colin J. Rittberg. How Woodin changed his mind: new thoughts on the Continuum Hypothesis. *Archive for History of Exact Sciences*, 69(2):125–151, March 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0142-8>.

RileyKnoedler:2021:UMJ

- [RKH⁺21] Molly Riley Knoedler, Julianna C. Kostas, Caroline Mary Hogan, Harper Kerkhoff, and Chad M. Topaz. An unpublished manuscript of John von Neumann on shock waves in boosted detonations: historical context and mathematical analysis. *Archive for History of Exact Sciences*, 75(1):83–108, January 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-020-00258-9.pdf>.

Rocci:2021:BRV

- [Roc21] Alessio Rocci. Back to the roots of vector and tensor calculus: Heaviside versus Gibbs. *Archive for History of Exact Sciences*, 75(4):369–413, July 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-020-00264-x>.

Rodriguez:2015:FRE

- [Rod15] Laura Rodríguez. Frigyes Riesz and the emergence of general topology. *Archive for History of Exact Sciences*, 69(1):55–102,

January 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0144-6>.

Ronchi:1960:COM

- [Ron60] Vasco Ronchi. Classical optics is a mathematical science. *Archive for History of Exact Sciences*, 1(2):160–171, December 1960. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=2&spage=160>.

Roque:1992:MSN

- [Roq92] Xavier Roqué. Møller scattering: a neglected application of early quantum electrodynamics. *Archive for History of Exact Sciences*, 44(3):197–264, September 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=3&spage=197>.

Roque:2011:STP

- [Roq11] Tatiana Roque. Stability of trajectories from Poincaré to Birkhoff: approaching a qualitative definition. *Archive for History of Exact Sciences*, 65(3):295–342, May 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=3&spage=295>.

Rosenfeld:1965:NLG

- [Ros65] L. Rosenfeld. Newton and the Law of Gravitation. *Archive for History of Exact Sciences*, 2(5):365–386, August 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=5&spage=365>.

Rosenfeld:1969:NVA

- [Ros69] L. Rosenfeld. Newton’s views on aether and gravitation. *Archive for History of Exact Sciences*, 6(1):29–37, January 1969. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=1&spage=29>.

Rosenfeld:1971:MIH

- [Ros71] L. Rosenfeld. Men and ideas in the history of atomic theory. *Archive for History of Exact Sciences*, 7(2):69–90, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=2&spage=69>.

Rosen:1981:DTB

- [Ros81] Edward Rosen. In defense of Tycho Brahe. *Archive for History of Exact Sciences*, 24(4):257–265, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=4&spage=257>.

Rosso:2015:FCW

- [Ros15] Riccardo Rosso. Felice Casorati’s work on finite differences and its influence on Salvatore Pincherle. *Archive for History of Exact Sciences*, 69(2):153–215, March 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0143-7>.

Rouxel:1980:LMD

- [Rou80] Bernard Rouxel. L’OEuvre Mathématique d’Albert Ribaucour. (French) [The mathematical work of Albert Ribaucour]. *Archive for History of Exact Sciences*, 23(2):159–177, June 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=2&spage=159>.

Rowe:2024:FKS

- [Row24a] David E. Rowe. Felix Klein and Sophus Lie on quartic surfaces in line geometry. *Archive for History of Exact Sciences*, 78(6):763–832, November 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00335-3>.

Rowe:2024:FKE

- [Row24b] David E. Rowe. Felix Klein’s early contributions to *anschauliche Geometrie*. *Archive for History of Exact Sciences*, 78(4):401–477, July 2024. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00329-1>.

Robert:2023:HLC

- [RP23] Valentina Roberti and Giulio Peruzzi. The Helmholtz legacy in color metrics: Schrödinger’s color theory. *Archive for History of Exact Sciences*, 77(6):615–635, November 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00317-x>.

Rajagopal:1978:USM

- [RR78] C. T. Rajagopal and M. S. Rangachari. On an untapped source of medieval Kerales mathematics. *Archive for History of Exact Sciences*, 18(2):89–102, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=2&spage=89>.

Rajagopal:1986:MKM

- [RR86] C. T. Rajagopal and M. S. Rangachari. On medieval Kerala mathematics. *Archive for History of Exact Sciences*, 35(2):91–99, June 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=2&spage=91>.

Rivolo:1998:CDR

- [RS98] M. T. Rivolo and A. Simi. Il calcolo delle radici quadrate e cubiche in Italia da Fibonacci a Bombelli. (Italian) [The calculation of square and cube roots in Italy from Fibonacci to Bombelli]. *Archive for History of Exact Sciences*, 52(2):161–193, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=2&spage=161>.

Roughton:2004:LBN

- [RSW04] N. A. Roughton, J. M. Steele, and C. B. F. Walker. A late Babylonian normal and Ziwpur star text. *Archive for History of Exact Sciences*, 58(6):537–572, September 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=6&spage=537>.

Ruffner:1963:RGN

- [Ruf63] James A. Ruffner. Reinterpretation of the genesis of Newton’s “law of Cooling”. *Archive for History of Exact Sciences*, 2(2):138–152, August 1963. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=138>.

Ruffner:2000:NPC

- [Ruf00] J. A. Ruffner. Newton’s propositions on comets: Steps in transition, 1681–84. *Archive for History of Exact Sciences*, 54(4):259–277, January 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=4&spage=259>.

Ruffner:2012:NGR

- [Ruf12] J. A. Ruffner. Newton’s De gravitation: a review and reassessment. *Archive for History of Exact Sciences*, 66(3):241–264, May 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=3&spage=241>.

Ruffner:2013:SSN

- [Ruf13] J. A. Ruffner. The snare of simplicity: the Newton–Flamsteed correspondence revisited. *Archive for History of Exact Sciences*, 67(4):415–455, July 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0116-2>.

Russo:1998:DFG

- [Rus98] Lucio Russo. The definitions of fundamental geometric entities contained in Book I of Euclid’s Elements. *Archive for History of Exact Sciences*, 52(3):195–219, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=3&spage=195>.

Redei:2012:HIP

- [RW12] Miklós Rédei and Charlotte Werndl. On the history of the isomorphism problem of dynamical systems with special regard

to von Neumann's contribution. *Archive for History of Exact Sciences*, 66(1):71–93, January 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=1&spage=71>.

Sabra:1982:IAH

- [Sab82] A. I. Sabra. Ibn al-Haytham's lemmas for solving “Alhazen’s problem”. *Archive for History of Exact Sciences*, 26(4):299–324, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=4&spage=299>.

Sakellariadis:1982:DEP

- [Sak82] Spyros Sakellariadis. Descartes’ experimental proof of the infinite velocity of light and Huygens’ rejoinder. *Archive for History of Exact Sciences*, 26(1):1–12, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=1&spage=1>.

Salzer:1974:TLE

- [Sal74] Herbert E. Salzer. Two letters from Einstein concerning his distant parallelism field theory. *Archive for History of Exact Sciences*, 12(1):89–96, March 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=1&spage=89>.

Sampson:1990:SGT

- [Sam90] J. H. Sampson. Sophie Germain and the theory of numbers. *Archive for History of Exact Sciences*, 41(2):157–161, June 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=2&spage=157>.

Sarkar:2012:CSN

- [Sar12] Sahotra Sarkar. Complementarity and the selection of nature reserves: algorithms and the origins of conservation planning, 1980–1995. *Archive for History of Exact Sciences*, 66(4):397–426, July 2012. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=4&spage=397>.

Sauer:1999:RDH

[Sau99]

Tilman Sauer. The relativity of discovery: Hilbert's First Note on the Foundations of Physics. *Archive for History of Exact Sciences*, 53(6):529–575, January 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=6&spage=529>.

Sauer:2005:EEH

[Sau05]

Tilman Sauer. Einstein equations and Hilbert action: What is missing on page 8 of the proofs for Hilbert's First Communication on the Foundations of Physics? *Archive for History of Exact Sciences*, 59(6):577–590, October 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=6&spage=577>.

Sauer:2007:EET

[Sau07]

Tilman Sauer. Einstein and the early Theory of Superconductivity, 1919–1922. *Archive for History of Exact Sciences*, 61(2):159–211, March 2007. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=61&issue=2&spage=159>.

Sauer:2008:NGO

[Sau08]

Tilman Sauer. Nova Geminorum 1912 and the origin of the idea of gravitational lensing. *Archive for History of Exact Sciences*, 62(1):1–22, January 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=1&spage=1>.

Seidenberg:1980:ROB

[SC80]

A. Seidenberg and J. Casey. The ritual origin of the balance. *Archive for History of Exact Sciences*, 23(3):179–226, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=3&spage=179>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=3&spage=179>.

Schneider:1968:MAM

- [Sch68] Ivo Schneider. Der Mathematiker Abraham de Moivre (1667–1754). (German) [The mathematician Abraham de Moivre (1667–1754)]. *Archive for History of Exact Sciences*, 5(3–4):177–317, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=3&spage=177>.

Schneider:1971:DDF

- [Sch71] Ivo Schneider. Descartes' Diskussion der Fermatschen Extremwertmethode — ein Stück Ideengeschichte der Mathematik. (German) [Descartes' discussion of Fermat's extreme value method — a piece of the conceptual history of mathematics]. *Archive for History of Exact Sciences*, 7(5):354–374, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=5&spage=354>.

Schroder:1973:WOJ

- [Sch73] W. Schröder. Das Wirken von Otto Jesse für die Erforschung der Hochatmosphäre. (German) [Works of Otto Jesse on the study of the upper atmosphere]. *Archive for History of Exact Sciences*, 11(2–3):267–272, June 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=2&spage=267>.

Schneider:1974:CEA

- [Sch74a] Ivo Schneider. Clausius' erste Anwendung der Wahrscheinlichkeitsrechnung im Rahmen der atmosphärischen Lichtstreuung. (German) [Clausius's first application of probability calculations in the context of atmospheric light scattering]. *Archive for History of Exact Sciences*, 14(2):143–158, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=2&spage=143>.

Schutt:1974:PMV

- [Sch74b] Hans-Werner Schütt. Das Problem der Mischkristallisation von Vitriolen vor der Entdeckung des Isomorphismus. (German) [The problem of the mixture crystallization of vitriol before the discovery of isomorphicism]. *Archive for History of Exact Sciences*, 12(2):186–198, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=2&spage=186>.

Schneider:1975:RCB

- [Sch75] Ivo Schneider. Rudolph Clausius' Beitrag zur Einführung wahrscheinlichkeitstheoretischer Methoden in die Physik der Gase nach 1856. (German) [Rudolph Clausius's contribution to the introduction of probabilistic methods to the physics of gases after 1856]. *Archive for History of Exact Sciences*, 14(3):237–261, September 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=3&spage=237>.

Schlissel:1977:DAS

- [Sch77] Arthur Schlissel. The development of asymptotic solutions of linear ordinary differential equations, 1817–1920. *Archive for History of Exact Sciences*, 16(4):307–378, December 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=4&spage=307>.

Scharlau:1982:UAA

- [Sch82a] Winfried Scharlau. Unveröffentlichte algebraische Arbeiten Richard Dedekinds aus seiner Göttinger Zeit 1855–1858. (German) [Unpublished algebraic work of Richard Dedekind from his Göttingen years 1855–1858]. *Archive for History of Exact Sciences*, 27(4):335–367, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=4&spage=335>.

Scholz:1982:RFN

- [Sch82b] E. Scholz. Riemanns frühe Notizen zum Mannigfaltigkeitsbegriff und zu den Grundlagen der Geometrie. (German) [Riemann's

early notes on the diversity term and on the basis of geometry]. *Archive for History of Exact Sciences*, 27(3):213–232, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=3&spage=213>.

Schroder:1982:EWS

- [Sch82c] Wilfried Schröder. Emil Wiechert und seine Bedeutung für die Entwicklung der Geophysik zur exakten Wissenschaft. (German) [Emil Wiechert and his significance for the development of geophysics as an exact science]. *Archive for History of Exact Sciences*, 27(4):369–389, December 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=4&spage=369>.

Schroder:1984:HAL

- [Sch84] Wilfried Schröder. Hendrik Antoon Lorentz und Emil Wiechert (Briefwechsel und Verhältnis der beiden Physiker). (German) [Hendrik Antoon Lorentz and Emil Wiechert (exchange of letters and the relationship of the two physicists)]. *Archive for History of Exact Sciences*, 30(2):167–187, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=30&issue=2&spage=167>.

Schroder:1985:ASE

- [Sch85] Wilfried Schröder. Arnold Sommerfeld und Emil Wiechert. (German) [Arnold Sommerfeld and Emil Wiechert]. *Archive for History of Exact Sciences*, 32(1):77–93, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=1&spage=77>.

Scharlau:1986:EAZ

- [Sch86] Winfried Scharlau. Zur Entstehung der Algebraischen Zahlentheorie — ein Bericht eines Augenzeugen. (German) [On the emergence of the algebraic number theory — a report of an eyewitness]. *Archive for History of Exact Sciences*, 36(1):63–74, March 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=63>.

[com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=63](http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=63).

Schroder:1988:AES

- [Sch88] Wilfried Schröder. Albert Einstein in seinen Beziehungen zu Mitgliedern der Gesellschaft der Wissenschaften in Göttingen. (German) [Albert Einstein and his relations with members of the Göttingen Scientific Society]. *Archive for History of Exact Sciences*, 39(2):157–171, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=2&spage=157>.

Schubring:2017:SOE

- [Sch17] Gert Schubring. Searches for the origins of the epistemological concept of model in mathematics. *Archive for History of Exact Sciences*, 71(3):245–278, May 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Schironi:2023:ESR

- [Sch23] Francesca Schironi. Eudoxus' simultaneous risings and settings. *Archive for History of Exact Sciences*, 77(4):423–441, July 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00309-x>.

Scriba:1961:LDP

- [Scr61] Christoph J. Scriba. Zur Lösung des 2. Debeauneschen Problems durch Descartes Ein Abschnitt aus der Frühgeschichte der inversen Tangentenaufgaben. (German) [On the solution of the 2nd Debeaune problem of Descartes: a section from the early history of the inverse-tangent exercises]. *Archive for History of Exact Sciences*, 1(4):406–419, July 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=4&spage=406>.

Scriba:1963:IMT

- [Scr63] Christoph J. Scriba. The inverse method of tangents: a dialogue between Leibniz and Newton (1675–1677). *Archive for History of Exact Sciences*, 2(2):113–137, August 1963. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=113>.

www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=113.

Steele:2023:EST

- [SdJ23] John Steele and Teije de Jong. An early system A-type scheme for Saturn from Babylon. *Archive for History of Exact Sciences*, 77(5):501–535, September 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00311-3>.

Segre:1980:REG

- [Seg80] Michael Segre. The role of experiment in Galileo’s physics. *Archive for History of Exact Sciences*, 23(3):227–252, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=3&spage=227>.

Segre:1994:PAT

- [Seg94] Michael Segre. Peano’s axioms in their historical context. *Archive for History of Exact Sciences*, 48(3–4):201–342, September 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=3&spage=201>.

Seidenberg:1961:ROG

- [Sei61] A. Seidenberg. The ritual origin of geometry. *Archive for History of Exact Sciences*, 1(5):488–527, October 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=5&spage=488>.

Seidenberg:1962:ROC

- [Sei62] A. Seidenberg. The ritual origin of counting. *Archive for History of Exact Sciences*, 2(1):1–40, August 1962. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=1&spage=1>.

Seidenberg:1965:SSS

- [Sei65] A. Seidenberg. The sixty system of Sumer. *Archive for History of Exact Sciences*, 2(5):436–440, August 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=5&spage=436>.

Seidenberg:1966:RND

- [Sei66] A. Seidenberg. Remarks on Nicomedes' duplication. *Archive for History of Exact Sciences*, 3(2):97–101, January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=2&spage=97>.

Seidenberg:1972:ASC

- [Sei72] A. Seidenberg. On the area of a semi-circle. *Archive for History of Exact Sciences*, 9(3):171–211, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=3&spage=171>.

Seidenberg:1975:DEE

- [Sei75] A. Seidenberg. Did Euclid's Elements, Book I, develop geometry axiomatically? *Archive for History of Exact Sciences*, 14(4):263–295, December 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=4&spage=263>.

Seidenberg:1976:KWR

- [Sei76] A. Seidenberg. km, a widespread root for ten. *Archive for History of Exact Sciences*, 16(1):1–16, March 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=1&spage=1>.

Seidenberg:1978:OM

- [Sei78] A. Seidenberg. The origin of mathematics. *Archive for History of Exact Sciences*, 18(4):301–342, December 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=4&spage=301>.

Seidenberg:1981:ROC

- [Sei81] A. Seidenberg. The ritual origin of the circle and square. *Archive for History of Exact Sciences*, 25(4):269–327, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=4&spage=269>.

Seidenberg:1984:AMT

- [Sei84] A. Seidenberg. "on ancient mathematical terminology". *Archive for History of Exact Sciences*, 31(1):1–13, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=1&spage=1>.

Seidenberg:1988:VS

- [Sei88] A. Seidenberg. On the volume of a sphere. *Archive for History of Exact Sciences*, 39(2):97–119, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=2&spage=97>.

Seneta:1998:EIP

- [Sen98] E. Seneta. Early influences on probability and statistics in the Russian Empire. *Archive for History of Exact Sciences*, 53(3–4):201–213, November 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=3&spage=201>.

Sesiano:1977:TEI

- [Ses77] Jacques Sesiano. Le traitement des équations indéterminées dans le Bad i fi'l-Hisab d'Abu Bakr Al-Karaji. (French) [The treatment of indeterminate equations in the Bad i fi'l-Hisab d'Abu Bakr Al-Karaji]. *Archive for History of Exact Sciences*, 17(4):297–379, July 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=4&spage=297>.

Sesiano:1985:ANS

- [Ses85] Jacques Sesiano. The appearance of negative solutions in medieval mathematics. *Archive for History of Exact Sciences*, 32(2):105–150, June 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=2&spage=105>.

Sesiano:1991:TPN

- [Ses91] J. Sesiano. Two problems of number theory in Islamic times. *Archive for History of Exact Sciences*, 41(3):235–238, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=3&spage=235>.

Sesiano:1998:CMM

- [Ses98] Jacques Sesiano. Les carrés magiques de Manuel Moschopoulos. (French) [The magic squares of Manuel Moschopoulos]. *Archive for History of Exact Sciences*, 53(5):377–397, November 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=53&issue=5&spage=377>.

Sesiano:2003:CMS

- [Ses03] Jacques Sesiano. Construction of magic squares using the knight’s move in Islamic mathematics. *Archive for History of Exact Sciences*, 58(1):1–20, November 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=1&spage=1>.

Schreiber:2008:NLR

- [SFS08] Peter Schreiber, Gisela Fischer, and Maria Luise Sternath. New light on the rediscovery of the Archimedean solids during the Renaissance. *Archive for History of Exact Sciences*, 62(4):457–467, July 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=4&spage=457>.

Shapiro:1973:KOS

- [Sha73] Alan E. Shapiro. Kinematic optics: a study of the wave theory of light in the seventeenth century. *Archive for History of Exact Sciences*, 11(2–3):134–266, June 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=2&spage=134>.

Shafer:1978:NAP

- [Sha78] Glenn Shafer. Non-additive probabilities in the work of Bernoulli and Lambert. *Archive for History of Exact Sciences*, 19(4):309–370, December 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=4&spage=309>.

Shapiro:1979:NSD

- [Sha79] Alan E. Shapiro. Newton’s “achromatic” dispersion law: Theoretical background and experimental evidence. *Archive for History of Exact Sciences*, 21(2):91–128, June 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=2&spage=91>.

Sheynin:1971:JHL

- [She71a] O. B. Sheynin. J. H. Lambert’s work on probability. *Archive for History of Exact Sciences*, 7(3):244–256, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=3&spage=244>. See corrections and notes [She83].

Sheynin:1971:NCT

- [She71b] O. B. Sheynin. Newton and the classical theory of probability. *Archive for History of Exact Sciences*, 7(3):217–243, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=3&spage=217>. See corrections and notes [She83].

Sheynin:1972:MTO

- [She72] O. B. Sheynin. On the mathematical treatment of observations by L. Euler. *Archive for History of Exact Sciences*, 9(1):45–56,

January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=1&spage=45>. See corrections and notes [She83].

Sheynin:1973:FRS

[She73a]

O. B. Sheynin. Finite random sums (a historical essay). *Archive for History of Exact Sciences*, 9(4–5):275–305, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=4&spage=275>. See corrections and notes [She83].

Sheynin:1973:MTA

[She73b]

O. B. Sheynin. Mathematical treatment of astronomical observations (a historical essay). *Archive for History of Exact Sciences*, 11(2–3):97–126, June 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=11&issue=2&spage=97>. See corrections and notes [She83].

Sheynin:1973:RJB

[She73c]

O. B. Sheynin. R. J. Boscovich's work on probability. *Archive for History of Exact Sciences*, 9(4–5):306–324, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=4&spage=306>. See corrections and notes [She83].

Sheynin:1974:PTP

[She74]

O. B. Sheynin. On the prehistory of the theory of probability. *Archive for History of Exact Sciences*, 12(2):97–141, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=2&spage=97>. See corrections and notes [She83].

Sheynin:1976:PLW

[She76]

O. B. Sheynin. P. S. Laplace's work on probability. *Archive for History of Exact Sciences*, 16(2):137–187, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=2&spage=137>. See corrections and notes [She83].

Sheynin:1977:EHT

- [She77a] O. B. Sheynin. Early history of the theory of probability. *Archive for History of Exact Sciences*, 17(3):201–259, September 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=3&spage=201>. See corrections and notes [She83].

Sheynin:1977:LTE

- [She77b] O. B. Sheynin. Laplace’s theory of errors. *Archive for History of Exact Sciences*, 17(1):1–61, May 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=17&issue=1&spage=1>. See corrections and notes [She83].

Sheynin:1978:DPW

- [She78] O. B. Sheynin. S. D. Poisson’s work in probability. *Archive for History of Exact Sciences*, 18(3):245–300, September 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=3&spage=245>. See corrections and notes [She83].

Sheynin:1979:CFG

- [She79] O. B. Sheynin. C. F. Gauss and the theory of errors. *Archive for History of Exact Sciences*, 20(1):21–72, March 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=1&spage=21>. See corrections and notes [She83].

Sheynin:1980:HSM

- [She80] O. B. Sheynin. On the history of the statistical method in biology. *Archive for History of Exact Sciences*, 22(4):323–371, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=4&spage=323>. See corrections and notes [She83].

Sheynin:1982:HMS

- [She82] O. B. Sheynin. On the history of medical statistics. *Archive for History of Exact Sciences*, 26(3):241–286, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=3&spage=241>. See corrections and notes [She83].

Sheynin:1983:CSN

- [She83] O. B. Sheynin. Corrections and short notes on my papers. *Archive for History of Exact Sciences*, 28(2):171–180, June 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=2&spage=171>. See [She82].

Sheynin:1984:HSMa

- [She84a] O. B. Sheynin. On the history of the statistical method in astronomy. *Archive for History of Exact Sciences*, 29(2):151–199, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=2&spage=151>.

Sheynin:1984:HSMb

- [She84b] O. B. Sheynin. On the history of the statistical method in meteorology. *Archive for History of Exact Sciences*, 31(1):53–95, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=1&spage=53>.

Sheynin:1985:HSM

- [She85] O. B. Sheynin. On the history of the statistical method in physics. *Archive for History of Exact Sciences*, 33(4):351–382, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=4&spage=351>.

Sheynin:1986:QS

- [She86] O. B. Sheynin. A. Quetelet as a statistician. *Archive for History of Exact Sciences*, 36(4):281–325, December 1986. CO-

DEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
 URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=4&spage=281>.

Shen:1988:HDC

- [She88] Kang Sheng Shen. Historical development of the Chinese remainder theorem. *Archive for History of Exact Sciences*, 38(4):285–305, September 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=4&spage=285>.

Sheynin:1989:MWP

- [She89a] O. B. Sheynin. A. A. Markov’s work on probability. *Archive for History of Exact Sciences*, 39(4):337–377, December 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=4&spage=337>. See erratum [She89b].

Sheynin:1989:ECM

- [She89b] O. B. Sheynin. Errata for the contribution “A. A. Markov’s work on probability”. *Archive for History of Exact Sciences*, 40(4):387, December 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=4&spage=387>. See [She89a].

Sheynin:1991:HPW

- [She91a] O. B. Sheynin. H. Poincaré’s work on probability. *Archive for History of Exact Sciences*, 42(2):137–171, June 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=2&spage=137>.

Sheynin:1991:VYB

- [She91b] O. B. Sheynin. On V. Ya. Buniakovsky’s work in the theory of probability. *Archive for History of Exact Sciences*, 43(3):199–223, September 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=3&spage=199>.

Sheynin:1993:HPL

- [She93a] Oscar Sheynin. On the history of the principle of least squares. *Archive for History of Exact Sciences*, 46(1):39–54, March 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=1&spage=39>.

Sheynin:1993:TOE

- [She93b] Oscar Sheynin. The treatment of observations in early astronomy. *Archive for History of Exact Sciences*, 46(2):153–192, June 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=2&spage=153>.

Sheynin:1994:BWP

- [She94a] Oscar Sheynin. Bertrand’s work on probability. *Archive for History of Exact Sciences*, 48(2):155–199, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=2&spage=155>.

Sheynin:1994:CFG

- [She94b] Oscar Sheynin. C. F. Gauss and geodetic observations. *Archive for History of Exact Sciences*, 46(3):253–283, February 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=3&spage=253>.

Sheynin:1994:CLT

- [She94c] Oscar Sheynin. Chebyshev’s lectures on the theory of probability. *Archive for History of Exact Sciences*, 46(4):321–340, December 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=4&spage=321>.

Sheynin:1995:DCT

- [She95a] Oscar Sheynin. Density curves in the theory of Errors. *Archive for History of Exact Sciences*, 49(2):163–196, June 1995. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

- URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=2&spage=163>.
- Sheynin:1995:HWT**
- [She95b] Oscar Sheynin. Helmert's work in the theory of errors. *Archive for History of Exact Sciences*, 49(1):73–104, March 1995. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=49&issue=1&spage=73>.
- Sheynin:1998:TPD**
- [She98] Oscar Sheynin. The Theory of Probability: Its definition and its relation to statistics. *Archive for History of Exact Sciences*, 52(2):99–108, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=2&spage=99>.
- Sheynin:2003:NWP**
- [She03] Oscar B. Sheynin. Nekrasov's work on probability: The background. *Archive for History of Exact Sciences*, 57(4):337–353, May 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=4&spage=337>.
- Shi:2003:KAC**
- [Shi03] Yunli Shi. The Korean adaptation of the Chinese–Islamic astronomical tables. *Archive for History of Exact Sciences*, 57(1):25–60, January 2003. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=57&issue=1&spage=25>.
- Shkolenok:1972:GCE**
- [Shk72] Galina A. Shkolenok. Geometrical constructions equivalent to non-linear algebraic transformations of the plane in Newton's early papers. *Archive for History of Exact Sciences*, 9(1):22–44, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=1&spage=22>.

Shnider:2017:BTC

- [Shn17] Steven Shnider. Britton's theory of the creation of Column Φ in Babylonian System A lunar theory. *Archive for History of Exact Sciences*, 71(3):279–318, May 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Sidoli:2018:CGG

- [Sid18a] Nathan Sidoli. The concept of given in Greek mathematics. *Archive for History of Exact Sciences*, 72(4):353–402, July 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Sidoli:2018:UCP

- [Sid18b] Nathan Sidoli. Uses of construction in problems and theorems in Euclid's *Elements I–VI*. *Archive for History of Exact Sciences*, 72(4):403–452, July 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Silvestri:1979:SGF

- [Sil79] Richard Silvestri. Simple groups of finite order in the nineteenth century. *Archive for History of Exact Sciences*, 20 (3–4):313–356, September 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=3&spage=313>.

Skvarla:2024:EPD

- [Skv24] Jiří Skvarla. Einstein–Perrin dilemma on the Brownian motion (Avogadro's number) resolved? *Archive for History of Exact Sciences*, 78(6):833–881, November 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00337-1>.

Steele:2021:SBR

- [SM21] J. M. Steele and E. L. Meszaros. A study of Babylonian records of planetary stations. *Archive for History of Exact Sciences*, 75 (4):415–438, July 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00272-5>.

Smadja:2011:MIP

- [Sma11] Ivahn Smadja. Des méthodes d'intégration par arcs de sections coniques aux échelles de modules. Legendre lecteur de

Landen. (French) [Methods of integration by arcs of conic sections for module scales. Legendre teacher of Landen]. *Archive for History of Exact Sciences*, 65(4):343–395, July 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=4&spage=343>.

Smeur:1970:VEA

- [Sme70] A. J. E. M. Smeur. On the value equivalent to π in ancient mathematical texts. A new interpretation. *Archive for History of Exact Sciences*, 6(4):249–270, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=4&spage=249>.

Smith:1977:WTC

- [Smi77] Crosbie W. Smith. William Thomson and the creation of thermodynamics: 1840–1855. *Archive for History of Exact Sciences*, 16(3):231–288, September 1977. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=3&spage=231>.

Smith:1978:MOA

- [Smi78] Robin Smith. The mathematical origins of Aristotle’s syllogistic. *Archive for History of Exact Sciences*, 19(3):201–209, September 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=3&spage=201>.

Smith:1981:SAA

- [Smi81] A. Mark Smith. Saving the appearances of the appearances: The foundations of classical geometrical optics. *Archive for History of Exact Sciences*, 24(2):73–99, June 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=2&spage=73>.

Smith:1982:PSL

- [Smi82] A. Mark Smith. Ptolemy’s search for a Law of Refraction: a case-study in the classical methodology of “saving the appearances” and its limitations. *Archive for History of Exact*

Sciences, 26(3):221–240, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=3&spage=221>.

Smithies:1986:CCR

- [Smi86] F. Smithies. Cauchy's conception of rigour in analysis. *Archive for History of Exact Sciences*, 36(1):41–61, March 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=1&spage=41>.

Spalt:1991:BLM

- [Spa91a] Detlef D. Spalt. Bolzanos Lehre von den meßbaren Zahlen 1830–1989. (German) [Bolzano's theory of measurable numbers 1830–1989]. *Archive for History of Exact Sciences*, 42(1):15–70, March 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=1&spage=15>.

Spalt:1991:MPG

- [Spa91b] Detlef D. Spalt. Die mathematischen und philosophischen Grundlagen des Weierstraßschen Zahlbegriffs zwischen Bolzano und Cantor. (German) [The mathematical and philosophical basis of the Weierstrass number concept between Bolzano and Cantor]. *Archive for History of Exact Sciences*, 41(4):311–362, December 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=4&spage=311>.

Spalt:2002:CKH

- [Spa02] Detlef D. Spalt. Cauchys Kontinuum: Eine historiografische Annäherung via Cauchys Summensatz. (German) [Cauchy's continuum: a historiographical approach via cauchy's sum theorem]. *Archive for History of Exact Sciences*, 56(4):285–338, June 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=4&spage=285>.

Spencer:1967:BTR

- [Spe67] J. Brookes Spencer. Boscovich's theory and its relation to Faraday's researches: an analytic approach. *Archive for History of Exact Sciences*, 4(3):184–202, January 1967. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=4&issue=3&spage=184>.

Speiser:1996:KPN

- [Spe96] David Speiser. The Kepler Problem from Newton to Johann Bernoulli. *Archive for History of Exact Sciences*, 50(2):103–116, August 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=2&spage=103>.

Seneta:2001:NCD

- [SPJ01] Eugene Seneta, Karen Hunger Parshall, and François Jongmans. Nineteenth-Century developments in geometric probability: J. J. Sylvester, M. W. Crofton, J.-É. Barbier, and J. Bertrand. *Archive for History of Exact Sciences*, 55(6):501–524, June 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=6&spage=501>.

Siegmund-Schultze:1982:AFI

- [SS82] Reinhard Siegmund-Schultze. Die Anfänge der Funktionalanalysis und ihr Platz im Umwälzungsprozeß der Mathematik um 1900. (German) [The beginnings of functional analysis and its place during the circulation process of mathematics around 1900]. *Archive for History of Exact Sciences*, 26(1):13–71, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=1&spage=13>.

Siegmund-Schultze:1986:BHS

- [SS86] R. Siegmund-Schultze. Der Beweis des Hilbert–Schmidt-Theorems. (German) [The proof of the Hilbert–Schmidt Theorem]. *Archive for History of Exact Sciences*, 36(3):251–270, September 1986. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=36&issue=3&spage=251>.

Siegmund-Schultze:1998:EHM

- [SS98] Reinhard Siegmund-Schultze. Eliakim Hastings Moore's "General Analysis". *Archive for History of Exact Sciences*, 52(1):51–89, January 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=1&spage=51>.

Scarpello:2005:WTH

- [SS05] Giovanni Mingari Scarpello and Aldo Scimone. The Work of Tschirnhaus, La Hire and Leibniz on catacaustics and the birth of the envelopes of lines in the 17th century. *Archive for History of Exact Sciences*, 59(3):223–250, March 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=3&spage=223>.

Siegmund-Schultze:2006:PMP

- [SS06] Reinhard Siegmund-Schultze. Probability in 1919/20: the von Mises–Pólya-controversy. *Archive for History of Exact Sciences*, 60(5):431–515, September 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=5&spage=431>.

Sidoli:2009:RGC

- [SS09] Nathan Sidoli and Ken Saito. The role of geometrical construction in Theodosius's Spherics. *Archive for History of Exact Sciences*, 63(6):581–609, November 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=6&spage=581>.

Sauer:2021:EIP

- [SS21] Tilman Sauer and Tobias Schütz. Einstein on involutions in projective geometry. *Archive for History of Exact Sciences*, 75(5):523–555, September 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-020-00270-z>.

Schroder:1994:ELV

- [ST94] Wilfried Schröder and Hans-Jürgen Treder. Zu Einsteins letzter Vorlesung — Beobachtbarkeit, Realität und Vollständigkeit in Quanten- und Relativitätstheorie. (German) [On Einstein's last lecture — observability, reality, and completeness in quantum and Relativity theory]. *Archive for History of Exact Sciences*, 48(2):149–154, June 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=2&spage=149>.

Stedall:2000:RGP

- [Ste00a] Jacqueline A. Stedall. Robd of glories: The posthumous misfortunes of Thomas Harriot and his algebra. *Archive for History of Exact Sciences*, 54(6):455–497, June 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=6&spage=455>.

Steele:2000:UAT

- [Ste00b] John M. Steele. A 3405: An unusual astronomical text from Uruk. *Archive for History of Exact Sciences*, 55(2):103–135, December 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=2&spage=103>.

Steele:2000:EPM

- [Ste00c] John M. Steele. Eclipse Prediction in Mesopotamia. *Archive for History of Exact Sciences*, 54(5):421–454, February 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=5&spage=421>.

Stedall:2001:DWR

- [Ste01] Jacqueline A. Stedall. The discovery of wonders: Reading between the lines of John Wallis's *Arithmetica infinitorum*. *Archive for History of Exact Sciences*, 56(1):1–28, November 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=1&spage=1>.

Steele:2006:MLT

- [Ste06] J. M. Steele. Miscellaneous lunar tables from Babylon. *Archive for History of Exact Sciences*, 60(2):123–155, March 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=2&spage=123>.

Stedall:2008:NMT

- [Ste08] Jacqueline Stedall. Notes made by Thomas Harriot on the treatises of François Viète. *Archive for History of Exact Sciences*, 62(2):179–200, March 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=2&spage=179>.

Steele:2020:PNS

- [Ste20] John Steele. A proto-Normal Star Almanac dating to the reign of Artaxerxes III: BM 65156. *Archive for History of Exact Sciences*, 74(3):243–253, May 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00246-8>.

Steele:2022:AIB

- [Ste22] John Steele. An alternative interpretation of BM 76829: astrological schemes for length of life and parts of the body. *Archive for History of Exact Sciences*, 76(1):1–14, January 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-021-00279-y>.

Steele:2024:NMI

- [Ste24a] John Steele. The new moon interval NA and the beginning of the Babylonian month. *Archive for History of Exact Sciences*, 78(3):245–270, May 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00325-x>.

Stewart:2024:GSG

- [Ste24b] Ian Stewart. Galois and the simple group of order 60. *Archive for History of Exact Sciences*, 78(1):1–28, January 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00319-9>.

Stromholm:1968:FMM

- [Str68] Per Strømholm. Fermat’s methods of maxima and minima and of tangents. A reconstruction. *Archive for History of Exact Sciences*, 5(1):47–69, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=1&spage=47>.

Straker:1981:KTO

- [Str81] Stephen Straker. Kepler, Tycho, and the ‘optical part of astronomy’: the genesis of Kepler’s theory of pinhole images. *Archive for History of Exact Sciences*, 24(4):267–293, December 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=24&issue=4&spage=267>.

Straumann:1992:SJT

- [Str92] Norbert Straumann. Von der Stech–Jensen–Transformation zur universellen V-A-Wechselwirkung. (German) [On the Stech–Jensen transformation to the universal V-A-reciprocal effect]. *Archive for History of Exact Sciences*, 44(4):365–386, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=4&spage=365>.

Saccomandi:2024:ASP

- [SV24] Giuseppe Saccomandi and Maurizio Stefano Vianello. Antonio Signorini and the proto-history of the non-linear theory of elasticity. *Archive for History of Exact Sciences*, 78(4):375–400, July 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00328-2>.

Swerdlow:1980:HDL

- [Swe80] Noel M. Swerdlow. Hipparchus’s determination of the length of the tropical year and the rate of precession. *Archive for History of Exact Sciences*, 21(4):291–309, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=4&spage=291>.

Swerdlow:1999:ARB

- [Swe99] N. M. Swerdlow. Acronychal risings in Babylonian planetary theory. *Archive for History of Exact Sciences*, 54(1):49–65, April 1999. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=1&spage=49>.

Sylla:1971:MQQ

- [Syl71] Edith Sylla. Medieval quantifications of qualities: The “Merton School”. *Archive for History of Exact Sciences*, 8(1–2):9–39, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=8&issue=1&spage=9>.

Szabo:1960:AEA

- [Sza60] Árpád Szabó. Anfänge des euklidischen Axiomensystems. (German) [Beginnings of the Euclidean axiom system]. *Archive for History of Exact Sciences*, 1(1):37–106, August 1960. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=1&spage=37>.

Szabo:1964:FPI

- [Sza64] Árpád Szabó. Die frühgriechische Proportionenlehre im Spiegel ihrer Terminologie. (German) [The early Greek proportion teachings in the mirror of their terminology]. *Archive for History of Exact Sciences*, 2(3):197–270, December 1964. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=3&spage=197>.

Takacs:1980:PC

- [Tak80] Lajos Takács. The problem of coincidences. *Archive for History of Exact Sciences*, 21(3):229–244, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=3&spage=229>.

Tanacs:2009:GCD

- [Tan09] János Tanács. Grasping the conceptual difference between János Bolyai and Lobachevskii's notions of non-Euclidean parallelism. *Archive for History of Exact Sciences*, 63(5):537–552, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Taylor:1974:DNT

- [Tay74] Angus E. Taylor. The differential: Nineteenth and twentieth century developments. *Archive for History of Exact Sciences*, 12(4):355–383, August 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=12&issue=4&spage=355>.

Taylor:1982:SMF

- [Tay82] Angus E. Taylor. A study of Maurice Fréchet: I. His early work on point set theory and the theory of functionals. *Archive for History of Exact Sciences*, 27(3):233–295, September 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=3&spage=233>.

Taylor:1985:SMF

- [Tay85] Angus E. Taylor. A study of Maurice Fréchet: II. Mainly about his work on general topology, 1909–1928. *Archive for History of Exact Sciences*, 34(4):279–380, December 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=4&spage=279>.

Taylor:1987:SMF

- [Tay87] Angus E. Taylor. A study of Maurice Fréchet: III. Fréchet as analyst, 1909–1930. *Archive for History of Exact Sciences*, 37(1): 25–76, March 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=1&spage=25>.

Tazzioli:1993:ETE

- [Taz93] Rossana Tazzioli. Ether and theory of elasticity in Beltrami's work. *Archive for History of Exact Sciences*, 46(1):1–37,

- March 1993. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=1&spage=1>.
- Thorup:1992:PET**
- [Tho92] Anders Thorup. A pre-Euclidean theory of proportions. *Archive for History of Exact Sciences*, 45(1):1–16, March 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=1&spage=1>.
- Thomaidis:2005:EFD**
- [Tho05a] Yannis Thomaidis. Erratum: a Framework for Defining the Generality of Diophantos' Methods in “arithmetica”. *Archive for History of Exact Sciences*, 59(6):641, October 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=6&spage=641>. See [Tho05b].
- Thomaidis:2005:FDG**
- [Tho05b] Yannis Thomaidis. A framework for defining the generality of Diophantos' methods in “Arithmetica”. *Archive for History of Exact Sciences*, 59(6):591–640, October 2005. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=6&spage=591>. See erratum [Tho05a].
- Thro:1994:LVS**
- [Thr94] E. Broydrick Thro. Leonardo da Vinci's solution to the problem of the pinhole camera. *Archive for History of Exact Sciences*, 48(3–4):343–371, September 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=48&issue=3&spage=343>.
- Thurston:1992:GIP**
- [Thu92] Hugh Thurston. Greek and Indian planetary longitudes. *Archive for History of Exact Sciences*, 44(3):191–195, September 1992. CODEN AHESAN. ISSN 0003-9519 (print),

1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=44&issue=3&spage=191>.

Toepell:1986:ODH

- [Toe86] Michael Toepell. On the origins of David Hilbert’s “Grundlagen der Geometrie” [Foundations of Geometry]. *Archive for History of Exact Sciences*, 35(4):329–344, December 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=4&spage=329>.

Toomer:1974:HDS

- [Too74] G. J. Toomer. Hipparchus on the distances of the sun and moon. *Archive for History of Exact Sciences*, 14(2):126–142, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=14&issue=2&spage=126>.

Toomer:1985:GAA

- [Too85] G. J. Toomer. Galen on the astronomers and astrologers. *Archive for History of Exact Sciences*, 32(3–4):193–206, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=3&spage=193>.

Topper:1971:CMJ

- [Top71] David R. Topper. Commitment to mechanism: J. J. Thomson, the early years. *Archive for History of Exact Sciences*, 7(5):393–410, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=5&spage=393>.

Toth:1966:PIC

- [Tót66] Imre Tóth. Das Parallelenproblem im Corpus Aristotelicum. (German) [The problem of parallels in Corpus Aristotelicum]. *Archive for History of Exact Sciences*, 3(4–5):249–422, January 1966. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=4-5&spage=249>.

<http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=3&issue=4&spage=249>.

Truesdell:1960:PTR

- [Tru60] C. Truesdell. A program toward rediscovering the rational mechanics of the age of reason. *Archive for History of Exact Sciences*, 1(1):1–36, August 1960. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=1&spage=1>.

Truesdell:1975:EKT

- [Tru75] C. Truesdell. Early kinetic theories of gases. *Archive for History of Exact Sciences*, 15(1):1–66, March 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=1&spage=1>.

Truesdell:1979:ATC

- [Tru79] C. Truesdell. Absolute temperatures as a consequence of Carnot’s general axiom. *Archive for History of Exact Sciences*, 20(3–4):357–380, September 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=3&spage=357>.

Truesdell:1989:MGA

- [Tru89] C. Truesdell. Maria Gaetana Agnesi. *Archive for History of Exact Sciences*, 40(2):113–142, June 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=2&spage=113>. See corrections and additions [Tru92].

Truesdell:1992:CAS

- [Tru92] C. Truesdell. Corrections and additions for “Maria Gaetana Agnesi”. *Archive for History of Exact Sciences*, 43(4):385–386, December 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=4&spage=385>. See [Tru89].

Truesdell:1996:TFA

- [Tru96] C. Truesdell. The thirty-fifth anniversary of this archive, by the editor. *Archive for History of Exact Sciences*, 50(1):1–4, March 1996. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=50&issue=1&spage=1>.

Tucciarone:1973:DTS

- [Tuc73] John Tucciarone. The development of the theory of summable divergent series from 1880 to 1925. *Archive for History of Exact Sciences*, 10(1–2):1–40, January 1973. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=10&issue=1&spage=1>.

Tuman:1992:ADT

- [Tum92] V. S. Tuman. An attempt to date text 3 of Enuma Anu Enlil, tablets 50–51 “tentative date December 2, 1878”. *Archive for History of Exact Sciences*, 45(2):95–103, June 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=2&spage=95>.

Tupikova:2022:CSA

- [Tup22] Irina Tupikova. A common-sense approach to the problem of the itinerary stadion. *Archive for History of Exact Sciences*, 76(4):319–361, July 2022. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00287-6>.

Tweddle:1991:JMR

- [Twe91a] Ian Tweddle. John Machin and Robert Simson on inverse-tangent series for π . *Archive for History of Exact Sciences*, 42(1):1–14, March 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=1&spage=1>.

Tweddle:1991:SRC

- [Twe91b] Ian Tweddle. Some results on conic sections in the correspondence between Colin MacLaurin and Robert Simson.

Archive for History of Exact Sciences, 41(4):285–309, December 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=4&spage=285>.

Tweddle:1992:JSE

- [Twe92] Ian Tweddle. James Stirling’s early work on acceleration of convergence. *Archive for History of Exact Sciences*, 45(2):105–125, June 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=2&spage=105>.

Ulivi:2015:MQC

- [Uli15] Elisabetta Ulivi. Masters, questions and challenges in the abacus schools. *Archive for History of Exact Sciences*, 69(6):651–670, November 2015. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-015-0160-1>.

Ullmann:1984:CEE

- [Ull84] Dieter Ullmann. Chladni und die Entwicklung der experimentellen Akustik um 1800. (German) [Chladni and the development of experimental acoustics in 1800]. *Archive for History of Exact Sciences*, 31(1):35–52, March 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=31&issue=1&spage=35>.

Ullrich:1989:WVS

- [Ull89] Peter Ullrich. Weierstraß’ Vorlesung zur “Einleitung in die Theorie der analytischen Funktionen”. (German) [Weierstrass’s lectures on “Introduction to the theory of analytical functions]. *Archive for History of Exact Sciences*, 40(2):143–172, June 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=2&spage=143>.

Ullrich:2000:PVT

- [Ull00] Peter Ullrich. The Poincaré–Volterra Theorem: From hyperelliptic integrals to manifolds with countable topology.

Archive for History of Exact Sciences, 54(5):375–402, February 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=54&issue=5&spage=375>.

Unguru:1974:PTC

[Ung74]

Sabetai Unguru. Pappus in the thirteenth century in the Latin West. *Archive for History of Exact Sciences*, 13(4):307–324, December 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=4&spage=307>.

Unguru:1975:NRH

[Ung75]

Sabetai Unguru. On the need to rewrite the history of Greek mathematics. *Archive for History of Exact Sciences*, 15(1):67–114, March 1975. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=1&spage=67>.

VandenEynde:1992:HEC

[Van92]

Ria Vanden Eynde. Historical evolution of the concept of homotopic paths. *Archive for History of Exact Sciences*, 45(2):127–188, June 1992. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=45&issue=2&spage=127>.

VanBrummelen:2006:TLP

[Van06]

Glen Van Brummelen. Taking latitude with Ptolemy: Jamshīd al-Kāshī’s novel geometric model of the motions of the inferior planets. *Archive for History of Exact Sciences*, 60(4):353–377, July 2006. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=60&issue=4&spage=353>.

VanBrummelen:2018:EEB

[Van18]

Glen Van Brummelen. The end of an error: Bianchini, Regiomontanus, and the tabulation of stellar coordinates. *Archive for History of Exact Sciences*, 72(5):547–563, September 2018.

CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

VanBrummelen:2021:BEE

- [Van21] Glen Van Brummelen. Before the end of an error: Giovanni Bianchini's original flawed treatise on the conversion of stellar coordinates. *Archive for History of Exact Sciences*, 75(1):109–124, January 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-020-00261-0.pdf>.

vanBrakel:1976:SRP

- [vB76] J. van Brakel. Some remarks on the prehistory of the concept of statistical probability. *Archive for History of Exact Sciences*, 16(2):119–136, June 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=2&spage=119>.

vanBesouw:2017:WVV

- [vB17] Jip van Besouw. The wedge and the *vis viva* controversy: how concepts of force influenced the practice of early eighteenth-century mechanics. *Archive for History of Exact Sciences*, 71(2):109–156, March 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-016-0182-3>.

vanDongen:2004:EMS

- [vD04] Jeroen van Dongen. Einstein's methodology, semivectors and the unification of electrons and protons. *Archive for History of Exact Sciences*, 58(3):219–254, March 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=58&issue=3&spage=219>.

vanDongen:2009:RMM

- [vD09] Jeroen van Dongen. On the role of the Michelson–Morley Experiment: Einstein in Chicago. *Archive for History of Exact Sciences*, 63(6):655–663, November 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=63&issue=6&spage=655>.

vanderWaerden:1960:AMP

- [vdW60] B. L. van der Waerden. Ausgleichspunkt, “Methode der Perser” und indische Planetenrechnung. (German) [Balance point, “method of the Persian” and Indian planet calculation]. *Archive for History of Exact Sciences*, 1(2):107–121, December 1960. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=2&spage=107>.

vanderWaerden:1968:DIB

- [vdW68] B. L. van der Waerden. The date of invention of Babylonian planetary theory. *Archive for History of Exact Sciences*, 5(1):70–78, January 1968. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=5&issue=1&spage=70>.

vanderWaerden:1971:FAG

- [vdW71] B. L. van der Waerden. The foundation of algebraic geometry from Severi to André Weil. *Archive for History of Exact Sciences*, 7(3):171–180, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=3&spage=171>.

vanderWaerden:1972:GTH

- [vdW72a] B. L. van der Waerden. Die Galois-Theorie von Heinrich Weber bis Emil Artin. (German) [Galois theory from Heinrich Weber to Emil Artin]. *Archive for History of Exact Sciences*, 9(3):240–248, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=3&spage=240>.

vanderWaerden:1972:BZP

- [vdW72b] B. L. van der Waerden. Ein Briefwechsel zwischen P. Finsler und B. L. van der Waerden über die Grundlegung der algebraischen Geometrie. (German) [Letters between P. Finsler and B. L. van der Waerden on the foundation of algebraic geometry]. *Archive for History of Exact Sciences*, 9(3):249–256, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (elec-

tronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=3&spage=249>.

vanderWaerden:1976:DSP

- [vdW76] B. L. van der Waerden. Defence of a “shocking” point of view. *Archive for History of Exact Sciences*, 15(3):199–210, September 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=15&issue=3&spage=199>.

vanderWaerden:1978:PKF

- [vdW78a] B. L. van der Waerden. Die Postulate und Konstruktionen in der fröhgriechischen Geometrie. (German) [Postulates and constructions in early Greek geometry]. *Archive for History of Exact Sciences*, 18(4):343–357, December 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=4&spage=343>.

vanderWaerden:1978:GYG

- [vdW78b] B. L. van der Waerden. The Great Year in Greek, Persian and Hindu astronomy. *Archive for History of Exact Sciences*, 18(4):359–383, December 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=18&issue=4&spage=359>.

vanderWaerden:1980:PBMa

- [vdW80a] B. L. van der Waerden. On pre-Babylonian mathematics I. *Archive for History of Exact Sciences*, 23(1):1–25, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=1&spage=1>.

vanderWaerden:1980:PBMb

- [vdW80b] B. L. van der Waerden. On pre-Babylonian mathematics II. *Archive for History of Exact Sciences*, 23(1):27–46, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=23&issue=1&spage=27>.

vanderWaerden:1982:MVM

- [vdW82] B. L. van der Waerden. The motion of Venus, Mercury and the Sun in early Greek astronomy. *Archive for History of Exact Sciences*, 26(2):99–113, June 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=2&spage=99>.

vanderWaerden:1984:GACa

- [vdW84a] B. L. van der Waerden. Greek astronomical calendars I. The parapegma of Euctemon. *Archive for History of Exact Sciences*, 29(2):101–114, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=2&spage=101>.

vanderWaerden:1984:GAcB

- [vdW84b] B. L. van der Waerden. Greek astronomical calendars II. Calippus and his calendar. *Archive for History of Exact Sciences*, 29(2):115–124, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=2&spage=115>.

vanderWaerden:1984:GAcc

- [vdW84c] B. L. van der Waerden. Greek astronomical calendars III. The calendar of Dionysios. *Archive for History of Exact Sciences*, 29(2):125–130, June 1984. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=29&issue=2&spage=125>.

vanderWaerden:1985:GACa

- [vdW85a] B. L. van der Waerden. Greek astronomical calendars IV. The parapegma of the Egyptians and their “perpetual tables”. *Archive for History of Exact Sciences*, 32(2):95–104, June 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=32&issue=2&spage=95>.

vanderWaerden:1985:GACb

- [vdW85b] B. L. van der Waerden. Greek astronomical calendars V. The motion of the Sun in the parapegma of Geminus and in the Romaka–Siddhānta. *Archive for History of Exact Sciences*, 34(3):231–239, September 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=34&issue=3&spage=231>.

vanderWaerden:1988:DBW

- [vdW88a] B. L. van der Waerden. The “day of Brahman” in the work of Āryabhata. *Archive for History of Exact Sciences*, 38(1):13–22, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=13>.

vanderWaerden:1988:RS

- [vdW88b] B. L. van der Waerden. On the Romaka–Siddhānta. *Archive for History of Exact Sciences*, 38(1):1–11, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=1>.

vanderWaerden:1988:RGT

- [vdW88c] B. L. van der Waerden. Reconstruction of a Greek table of chords. *Archive for History of Exact Sciences*, 38(1):23–38, March 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=38&issue=1&spage=23>.

Verdun:2013:LEEA

- [Ver13a] Andreas Verdun. Leonhard Euler’s early lunar theories 1725–1752. *Archive for History of Exact Sciences*, 67(3):235–303, May 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-012-0112-y>.

Verdun:2013:LEEB

- [Ver13b] Andreas Verdun. Leonhard Euler’s early lunar theories 1725–1752. *Archive for History of Exact Sciences*, 67(5):477–551,

September 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0118-0>.

Vergnerie:2020:CEP

- [Ver20] Cédric Vergnerie. Une controverse entre Émile Picard et Leopold Kronecker. (French) [A controversy between Émile Picard and Leopold Kronecker]. *Archive for History of Exact Sciences*, 74(2):131–164, March 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00241-z>.

Viana:2024:ASF

- [Via24] Vera Viana. Archimedean solids in the fifteenth and sixteenth centuries. *Archive for History of Exact Sciences*, 78(6):631–715, November 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-024-00331-7>.

Viertel:2021:DCU

- [Vie21] Klaus Viertel. The development of the concept of uniform convergence in Karl Weierstrass’s lectures and publications between 1861 and 1886. *Archive for History of Exact Sciences*, 75(4):455–490, July 2021. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-020-00266-9>.

Vignolles:2000:DEA

- [Vig00] Hélène Vignolles. La distance des étoiles au dix-huitième siècle: L’échelle des magnitudes de John Michell. (French) [The distance of stars in the 18th century: John Mitchell’s magnitude scale]. *Archive for History of Exact Sciences*, 55(1):77–101, August 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=1&spage=77>.

Vinel:2005:CMP

- [Vin05] Nicolas Vinel. Un carré magique pythagoricien ? Jamblique précurseur des témoins Arabo-Byzantins. (French) [A Pythagorean magic square? Jamblique precursor of the arab-byzantine witnesses]. *Archive for History of Exact Sciences*, 59(6):545–562, October 2005. CODEN AHESAN. ISSN

0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=6&spage=545>.

Vita:1982:PNT

- [Vit82] Vincenzo Vita. Il punto nella terminologia matematica greca. (Italian) [The point in Greek mathematical terminology]. *Archive for History of Exact Sciences*, 27(2):101–114, June 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=27&issue=2&spage=101>.

Vitrac:2002:NTP

- [Vit02] Bernard Vitrac. Note textuelle sur un (problème de) lieu Géométrique dans les Météorologiques d'aristote (III. 5, 375 b 16–376 b 22). (French) [Textual note on the (problem of) geometric place in the meteorologies of Aristotle (III. 5, 375 b 16–376 b 22)]. *Archive for History of Exact Sciences*, 56(3):239–283, May 2002. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=3&spage=239>.

Vitrac:2004:PDA

- [Vit04] Bernard Vitrac. À propos des Démonstrations alternatives et autres substitutions de preuves dans les Éléments d'Euclide. (French) [On alternative demonstrations and other substitutions of proofs in Euclid's Elements]. *Archive for History of Exact Sciences*, 59(1):1–44, November 2004. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=59&issue=1&spage=1>.

Voelke:2008:TFG

- [Voe08] Jean-Daniel Voelke. Le théorème fondamental de la géométrie projective: évolution de sa preuve entre 1847 et 1900. (French) [The Fundamental Theorem of Projective Geometry: evolution of its proof between 1847 and 1900]. *Archive for History of Exact Sciences*, 62(3):243–296, May 2008. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=62&issue=3&spage=243>.

Volkert:1987:GPF

- [Vol87] Klaus Volkert. Die Geschichte der pathologischen Funktionen — Ein Beitrag zur Entstehung der mathematischen Methodologie. (German) [The history of pathological functions — a contribution for the emergence of the mathematical methodology]. *Archive for History of Exact Sciences*, 37(3):193–232, September 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=3&spage=193>.

Volkert:1989:DSF

- [Vol89] Klaus Volkert. Zur Differenzierbarkeit stetiger Funktionen — Ampère’s Beweis und seine Folgen. (German) [On the differentiability of constant functions — Ampère’s proof and its consequences]. *Archive for History of Exact Sciences*, 40(1):37–112, March 1989. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=40&issue=1&spage=37>.

vonPlato:1991:BEH

- [vP91] Jan von Plato. Boltzmann’s ergodic hypothesis. *Archive for History of Exact Sciences*, 42(1):71–89, March 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=42&issue=1&spage=71>.

vanRootselaar:1963:BTR

- [vR63] B. van Rootselaar. Bolzano’s theory of real numbers. *Archive for History of Exact Sciences*, 2(2):168–180, August 1963. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=2&spage=168>.

Vidal:2018:CMD

- [VT18a] J. Climent Vidal and J. Soliveres Tur. Correction to: The modernity of Dedekind’s anticipations contained in What are numbers and what are they good for? *Archive for History of Exact Sciences*, 72(2):143, March 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=72&issue=2&spage=143>.

tronic). URL <http://link.springer.com/content/pdf/10.1007/s00407-018-0203-5.pdf>. See [VT18b].

Vidal:2018:MDA

- [VT18b] J. Climent Vidal and J. Soliveres Tur. The modernity of Dedekind’s anticipations contained in What are numbers and what are they good for? *Archive for History of Exact Sciences*, 72(2):99–141, March 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). See correction [VT18a].

Wagner:2010:NNA

- [Wag10] Roy Wagner. The natures of numbers in and around Bombelli’s *l’algebra*. *Archive for History of Exact Sciences*, 64(5):485–523, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Warwick:1991:RFL

- [War91] Andrew Warwick. On the role of the FitzGerald–Lorentz contraction hypothesis in the development of Joseph Larmor’s electronic theory of matter. *Archive for History of Exact Sciences*, 43(1):29–91, March 1991. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=43&issue=1&spage=29>.

Waschkies:1971:NHE

- [Was71] H.-J. Waschkies. Eine neue Hypothese zur Entdeckung der inkommensurablen Größen durch die Griechen. (German) [A new hypothesis on the discovery of incommensurable sizes by the Greeks]. *Archive for History of Exact Sciences*, 7(5):325–353, January 1971. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=7&issue=5&spage=325>.

Waterhouse:1972:DRS

- [Wat72] William C. Waterhouse. The discovery of the regular solids. *Archive for History of Exact Sciences*, 9(3):212–221, January 1972. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=9&issue=3&spage=212>.

Waterhouse:1978:NME

- [Wat78] William C. Waterhouse. Note on a method of extracting roots in as-Samaw'al. *Archive for History of Exact Sciences*, 19(4):383–384, December 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=4&spage=383>.

Waterhouse:1980:EPS

- [Wat80] William C. Waterhouse. The early proofs of Sylow's theorem. *Archive for History of Exact Sciences*, 21(3):279–290, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=3&spage=279>.

Waterhouse:1990:GFA

- [Wat90] William C. Waterhouse. Gauss's first argument for least squares. *Archive for History of Exact Sciences*, 41(1):41–52, March 1990. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=41&issue=1&spage=41>.

Webster:1965:DBL

- [Web65] C. Webster. The discovery of Boyle's Law, and the concept of the elasticity of air in the seventeenth century. *Archive for History of Exact Sciences*, 2(6):441–502, December 1965. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=6&spage=441>.

Weil:1978:WBE

- [Wei78] André Weil. Who betrayed Euclid? (extract from a letter to the editor). *Archive for History of Exact Sciences*, 19(2):91–93, June 1978. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=19&issue=2&spage=91>.

Weil:1979:RBB

- [Wei79] André Weil. Riemann, Betti and the birth of topology. *Archive for History of Exact Sciences*, 20(2):91–96, June 1979. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=20&issue=2&spage=91>. See postscript [Wei80].

Weil:1980:PMA

- [Wei80] André Weil. A postscript to my article “Riemann, Betti and the birth of topology”. *Archive for History of Exact Sciences*, 21(4):387, December 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=21&issue=4&spage=387>. See [Wei79].

Weinstock:2000:ISO

- [Wei00] Robert Weinstock. Inverse-square orbits in Newton’s Principia and twentieth-century commentary thereon. *Archive for History of Exact Sciences*, 55(2):137–162, December 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=2&spage=137>.

Westfall:1964:INC

- [Wes64] Richard S. Westfall. Isaac Newton’s coloured circles twixt two contiguous glasses. *Archive for History of Exact Sciences*, 2(3):181–196, December 1964. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=2&issue=3&spage=181>.

Westfall:1986:NAG

- [Wes86] Richard S. Westfall. Newton and the acceleration of gravity. *Archive for History of Exact Sciences*, 35(3):255–272, September 1986. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=35&issue=3&spage=255>.

Wilson:2014:CHM

- [WH14] Curtis Wilson and William Harper. The coming-to-be of Hansen’s method. *Archive for History of Exact Sciences*, 68

(4):409–497, July 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0128-y>.

Wagner:2019:JBM

- [WH19] Roy Wagner and Samuel Hunziker. Jost Bürgi’s methods of calculating sines, and possible transmission from India. *Archive for History of Exact Sciences*, 73(3):243–260, May 2019. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Whiteside:1961:PMT

- [Whi61] Derek Thomas Whiteside. Patterns of mathematical thought in the later seventeenth century. *Archive for History of Exact Sciences*, 1(3):179–388, March 1961. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=1&issue=3&spage=179>.

Wilson:1970:KLC

- [Wil70] Curtis A. Wilson. From Kepler’s Laws, so-called, to universal gravitation: Empirical factors. *Archive for History of Exact Sciences*, 6(2):89–170, January 1970. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=2&spage=89>.

Wilson:1980:PSTa

- [Wil80a] Curtis A. Wilson. Perturbations and solar tables from Lacaille to Delambre: the rapprochement of observation and theory, part I. *Archive for History of Exact Sciences*, 22(1–2):53–188, March 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=1&spage=53>.

Wilson:1980:PSTb

- [Wil80b] Curtis A. Wilson. Perturbations and solar tables from Lacaille to Delambre: the rapprochement of observation and theory, part II. *Archive for History of Exact Sciences*, 22(3):189–304, September 1980. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=22&issue=3&spage=189>.

Wilder:1982:MWR

- [Wil82] R. L. Wilder. The mathematical work of R. L. Moore: Its background, nature and influence. *Archive for History of Exact Sciences*, 26(1):73–97, March 1982. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=26&issue=1&spage=73>.

Wilson:1985:GIJ

- [Wil85] Curtis Wilson. The great inequality of Jupiter and Saturn: from Kepler to Laplace. *Archive for History of Exact Sciences*, 33(1–3):15–290, March 1985. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=33&issue=1&spage=15>.

Wilson:1987:DVE

- [Wil87] Curtis Wilson. D'Alembert versus Euler on the precession of the equinoxes and the mechanics of rigid bodies. *Archive for History of Exact Sciences*, 37(3):233–273, September 1987. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=37&issue=3&spage=233>.

Wimsatt:2012:AGG

- [Wim12] W. C. Wimsatt. The analytic geometry of genetics: part I: the structure, function, and early evolution of Punnett squares. *Archive for History of Exact Sciences*, 66(4):359–396, July 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=4&spage=359>.

Wisan:1974:NSM

- [Wis74] Winifred L. Wisan. The new science of motion: a study of Galileo's De motu locali. *Archive for History of Exact Sciences*, 13(2–3):103–306, June 1974. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=13&issue=2&spage=103>.

Wise:1981:FAE

- [Wis81] M. Norton Wise. The flow analogy to electricity and magnetism, part I: William Thomson's reformulation of action at a distance. *Archive for History of Exact Sciences*, 25(1):19–70, March 1981. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=25&issue=1&spage=19>.

Wagenmakers:2023:HNJ

- [WL23] Eric-Jan Wagenmakers and Alexander Ly. History and nature of the Jeffreys–Lindley paradox. *Archive for History of Exact Sciences*, 77(1):25–72, January 2023. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-022-00298-3>. See comments [GCWL23].

Wright:2000:GRP

- [Wri00] M. T. Wright. Greek and Roman portable sundials: An ancient essay in approximation. *Archive for History of Exact Sciences*, 55(2):177–187, December 2000. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=55&issue=2&spage=177>.

Yavetz:1998:HSE

- [Yav98] Ido Yavetz. On the homocentric spheres of Eudoxus. *Archive for History of Exact Sciences*, 52(3):221–278, February 1998. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=52&issue=3&spage=221>.

Yavetz:2001:NRH

- [Yav01] Ido Yavetz. A new role for the Hippopede of Eudoxus. *Archive for History of Exact Sciences*, 56(1):69–93, November 2001. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=56&issue=1&spage=69>.

Yazdi:2011:AKA

- [Yaz11a] Hamid-Reza Giahi Yazdi. Al-Khwarizmi and annular solar eclipse. *Archive for History of Exact Sciences*, 65(5):499–517,

September 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=5&spage=499>. See erratum [Yaz11b].

Yazdi:2011:EAK

[Yaz11b]

Hamid-Reza Giahi Yazdi. Erratum to: Al-Khwarizmi and annular solar eclipse. *Archive for History of Exact Sciences*, 65(5):589, September 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=65&issue=5&spage=589>. See [Yaz11a].

Yazdi:2018:MTL

[Yaz18]

Hamid-Reza Giahi Yazdi. The mysterious table of lunar crescent visibility attributed to Al-Bīrunī and ḥabash al-ḥasib’s contribution. *Archive for History of Exact Sciences*, 72(1):89–98, January 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Yazdi:2020:JCE

[Yaz20]

Hamid-Reza Giahi Yazdi. The Jalali Calendar: the enigma of its radix date. *Archive for History of Exact Sciences*, 74(2):165–182, March 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00240-0>.

Yeang:2011:TRB

[Yea11]

Chen-Pang Yeang. Tubes, randomness, and Brownian motions: or, how engineers learned to start worrying about electronic noise. *Archive for History of Exact Sciences*, 65(4):437–470, July 2011. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=????&volume=65&issue=4&spage=437>.

Yiwen:2020:QJW

[Yiw20]

Zhu Yiwen. On Qin Jiushao’s writing system. *Archive for History of Exact Sciences*, 74(4):345–379, July 2020. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-019-00243-x>.

- [Yon69]** Lam Lay Yong. On the existing fragments of Yang Hui's Hsiang Chieh Suan Fa. *Archive for History of Exact Sciences*, 6(1):82–88, January 1969. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=6&issue=1&spage=82>.
- [You76]** A. P. Youschkevitch. The concept of function up to the middle of the 19th century. *Archive for History of Exact Sciences*, 16(1):37–85, March 1976. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=16&issue=1&spage=37>.
- [YT18]** Mustafa Yilmaz and Ibrahim Tiryakioğlu. The astronomical orientation of the historical Grand mosques in Anatolia (Turkey). *Archive for History of Exact Sciences*, 72(6):565–590, November 2018. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).
- [Zab88]** S. L. Zabell. Buffon, Price, and Laplace: Scientific attribution in the 18th century. *Archive for History of Exact Sciences*, 39(2):173–181, June 1988. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=39&issue=2&spage=173>.
- [Zai94]** Evgeny A. Zaitsev. An interpretation of Peano's logic. *Archive for History of Exact Sciences*, 46(4):367–383, December 1994. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=46&issue=4&spage=367>.
- [Zam10]** Stefano Zambelli. Chemical kinetics and diffusion approach: the history of the Klein–Kramers equation. *Archive for History of*

Yong:1969:EFY**Youschkevitch:1976:CFM****Yilmaz:2018:AOH****Zabell:1988:BPL****Zaitsev:1994:IPL****Zambelli:2010:CKD**

Exact Sciences, 64(4):395–428, 2010. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Zangwill:2013:HTF

- [Zan13] Andrew Zangwill. Hartree and Thomas: the forefathers of density functional theory. *Archive for History of Exact Sciences*, 67(3):331–348, May 2013. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-013-0114-4>; https://en.wikipedia.org/wiki/Douglas_Hartree; https://en.wikipedia.org/wiki/Llewellyn_Thomas.

Zangwill:2014:EWK

- [Zan14] Andrew Zangwill. The education of Walter Kohn and the creation of density functional theory. *Archive for History of Exact Sciences*, 68(6):775–848, November 2014. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://link.springer.com/article/10.1007/s00407-014-0140-x>.

Zehe:1983:GNF

- [Zeh83] Horst Zehe. Die Gravitationstheorie des Nicolas Fatio de Duillier. (German) [The gravitational theory of Nicolas Fatio de Duillier]. *Archive for History of Exact Sciences*, 28(1):1–23, March 1983. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=28&issue=1&spage=1>.

Zeldes:2009:GRT

- [Zel09] Nissan Zeldes. Giulio Racah and theoretical physics in Jerusalem. *Archive for History of Exact Sciences*, 63(3):289–323, 2009. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Zik:2012:MHT

- [ZH12] Yaakov Zik and Giora Hon. Magnification: how to turn a spy-glass into an astronomical telescope. *Archive for History of Exact Sciences*, 66(4):439–464, July 2012. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <http://www.springerlink.com/openurl.asp?genre=article&issn=0003-9519&volume=66&issue=4&spage=439>.

Zik:2017:HSS

- [ZH17] Yaakov Zik and Giora Hon. History of science and science combined: solving a historical problem in optics — the case of Galileo and his telescope. *Archive for History of Exact Sciences*, 71(4):337–344, July 2017. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic).

Zik:2024:FFP

- [ZH24] Yaakov Zik and Giora Hon. Francesco Fontana (1580–1656) from practice to rules of calculation of lens systems. *Archive for History of Exact Sciences*, 78(2):153–182, March 2024. CODEN AHESAN. ISSN 0003-9519 (print), 1432-0657 (electronic). URL <https://link.springer.com/article/10.1007/s00407-023-00321-1>.