

A Selected Bibliography of Publications by, and about, Paul Adrien Maurice Dirac

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

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Title word cross-reference

$(1 + 1)$ [Das93]. $(2 + 1)$ [JM99]. $-1/2$ [CT67a]. $-1/2, 1/2, 3/2, 5/2$ [Mac98].
 $-\frac{1}{2}, \frac{1}{2}$ [CT67b]. 1 [CG07]. $1 + 1$ [Fei02]. $1/2$
[CT67a, FA01, Ogu96, dB51, dB52a]. 2.7° [Noe73]. **\$250.00** [War96]. **\$26.00**
[Ryc17]. **\$29.95** [RS10, Dys10]. 3 [RRS06]. $3 + 1$ [Nak00]. $3 + 2$ [Dir63b]. $3/2$
[CT67a]. **\$44.50** [Dre90]. **\$49.50** [Sch85]. **\$7.50** [Suc67]. 6 [DN96]. α
[BM98, LT04]. $\alpha, \beta, \gamma, \delta$ [Som36]. c [IC04, MBS02, Mag15]. D [DSP03]. δ
[DEŠ89, IP56, IP57, Lut07, Sch72]. e [IC04, MBS02]. e^2 [CP68]. ϵ [GGS04]. $\frac{3}{2}$
[CT67b]. G [Dir75f, Dir78b, Dir80g, Dir82f]. G_F [FA10]. $\text{Gr}_2(C^{m+2})$ [Mil98].
 $H^s(\mathbf{R}^3)$ [EV97]. \hbar [IC04]. m_p/m_e [BBSF10, FK07].
 $\mathcal{F}_p(\eta) = 1/\Gamma(p+1) \int_0^\infty [\epsilon^p/(1+e^{\epsilon-\eta})] d\epsilon$ [GFG01]. $SU(2)$ [yRSBSV99]. H_2
[SBK+08]. N [Ata89, KY01, MHN98, MB90, Mor85, Won90]. $\nabla^2 n/n$
[MHN98]. $\nabla n/n$ [MHN98]. π [JT10]. q [CPV10, JT10]. R [Szm98, Szm99].
 \mathbf{R}^n [Bet83]. r^t [BBR85]. $s > 1$ [EV97]. $SL(2, \mathbf{C})$ [Hos82, Hos83]. $SO(4)$
[LH86]. $SO(4, 1)$ [BC69]. $sp(4, \mathbf{R})$ [Lee95]. $SU(N)$ [LH86]. SU_2

[Mal75c, Yan78b, Yan78a].

-algorithm [GGS04]. **-dimensional** [Das93, KY01, MB90, Nak00, Won90].
-exponential [JT10]. **-exponentials** [CPV10]. **-function** [Lut07].
-functions [IP56, IP57]. **-invariant** [Hos82, Hos83]. **-matrix**
 [Szm99, Szm98]. **-shell** [DEŠ89]. **-space** [JM99]. **-Uniform** [RRS06].

/van [Sch85]. **/Vigier** [Sch85].

0-521-31911-0 [Ble86, Sch85]. **0-521-34013-6** [Hen89]. **0-521-34017-9**
 [Hen89]. **0-521-36231-8** [War96]. **0-521-38089-8** [Hen91].

1 [Dir43a]. **1911** [Meh75]. **1933** [CCJ+34]. **1933/Chadwick** [Ano51].
1935/1936 [Ano51]. **1945** [Pau45]. **1948** [Hov96, Dar96]. **1959** [LT62].
1960s [Mla98]. **1968** [Sal69]. **1971** [DPI71]. **1972** [Dys74, IPM73, Meh73].
1973 [Kur73]. **1975** [DHS78]. **1978** [KPS+78]. **1979** [Ruf82]. **1984**
 [Cas85, DP86]. **1988** [SDEW90]. **1993** [BCEP94]. **1994** [dG97]. **1999**
 [F+00]. **1D** [BJ03].

2 [UM86]. **20.X.1984** [Smo84]. **2002** [BB03]. **2009** [Pet11]. **2013** [Ano13].
20th [Meh73, SS03, Wal09, Koz90, Med90]. **21st** [RCC+06]. **22** [CCJ+34].
25 [Ble86].

3 [Ryc17]. **30.00** [Hen89]. **35** [Hen91]. **39** [Szm99].

42 [Pei42].

50 [Ben34]. **50th** [DS83].

7.80 [Deh36]. **745** [Goa95, Goa97]. **779** [Mac98].

8.VIII.1902 [Smo84].

'91 [Wat91]. **978** [Ryc17]. **978-0-300-20998-3** [Ryc17].

AB4 [Pei42]. **AB4/42** [Pei42]. **Abb** [Deh36]. **Abdus** [Bel73, Ell91]. **abelian**
 [KM84]. **abermals** [Haa34]. **Abnahme** [Tak31]. **Abschlusses** [Pau25].
absolute [Dir53b]. **Absorption** [Dir27d, MWF07, Sei36, SCPA04, DH32a].
abstract [Jär64, Tha88]. **abstrakten** [Jär64]. **academia** [Buc80].
Academic [Suc67]. **Academy** [Dir80c]. **accelerating** [UK82]. **acceptance**
 [Dir71a]. **Acclaim** [Ano30]. **According** [Inf53a, MRB75]. **account** [Alp73].
Accuracy [Neu33]. **Accurate**
 [BCJT16, Rob85, SM91, SFVW95, YG77, MN97, NM01]. **achievement**
 [Hoy92]. **Achinstein** [L.88]. **Across** [Bus10, DP03, II08]. **action**

[Dir74a, Tol98]. **actions** [Lan01]. **activity** [Meh87b]. **adaptation** [SM35].
Address [Dir80a, Pei87a, Wig87a, Wig96a, Wig96b, Haw98, Sno73]. **ADI**
[RSK99]. **adiabatic** [Dir25a, Dir25b]. **adjoint** [Zor80]. **adjointness**
[KY01, LR79]. **admitting** [KM84]. **Adrien** [Ano52, Ano83a, Ano83b, DP86,
Dir74d, Hal85, Hen89, KW87, Pei85, Ram89, Sch88, Stu88, Wig88]. **Advance**
[Ano34b]. **Advanced** [Dys07a]. **adventure** [MB11b]. **Aesthetic** [McA90].
aether [Dir54a, Dir51b, Dir52a, Dir52b, Dir54d, CO03]. **Aethers**
[Dir53a, Dir53a]. **af** [BR64, RRK⁺64]. **After** [Dir60b, Kae48]. **against**
[Noe73]. **Age** [Stu18, Meh72, Meh87b]. **Aharonov** [Tam03, Vil95]. **Aid**
[CMO00]. **Airplane** [GD10]. **Akademische** [Deh36]. **al** [Sch85]. **Alapveto**
[Dir78a]. **Albert** [Ano05, HE82, Kle05, PS79]. **alcohol** [Mag15]. **algebra**
[Bor85, CDK90, Cra85, Dir26b, DW09, Ham84, IKRT89b, Lee95, MB91,
Mar88, yRSBSV99, Nas84, Ten68, Vrb94]. **Algebraic**
[BN72, PSA94, QGW01, RR93, Wat91, AT94]. **Algebraical** [Ano00].
algebras [ML93]. **Algorithm**
[IKRT89a, GGS04, PSA94, TM85, Goa95, Goa97, Mac98]. **állandök** [Dir78a].
Allen [Tiw12]. **allows** [GGS04]. **Almost** [Tau61b]. **alpha**
[BMS02b, KM04, MBS02, Bar02]. **alsidighed** [Dir64g]. **Alternative**
[Aug95, Bar81]. **Alwyn** [Ble86, Tor87]. **Amateur** [Har01]. **Ambition**
[Jon08]. **amplitudes** [Eeg80, NM84]. **Anachronism** [Sta12]. **analogie**
[dB32b]. **analogy** [Dir45b, dB32b]. **Analyses** [Dar91, Dar92]. **Analysis**
[LU31, Tau63b, BNB94, CK90, CK91, Lig87, LW75, MB90, MB91, Mar88,
Pon05, de 89]. **Analytic** [Tu91, Fer86, KY93]. **Analytical**
[BDM81a, Kra81a, Lan05b, Nak97]. **Anderson** [Ano51]. **anisotropic**
[Por95]. **Annahmen** [Dir77a]. **annihilation** [Dir30e]. **anniversary** [DS83].
announcement [Lub75]. **anomalous** [BB85, Beh85, Dat04, Ogu96, Rou84].
Anpassung [SM35]. **Ansatz** [CH02]. **Anschluss** [Jär64]. **anti** [Dit15].
anti-Dirac [Dit15]. **antilinear** [HW90]. **Antimatter** [Clo10, Dir78h, Jac98].
Anton [Fis10a, Fis12a, Fis10a, Fis12a]. **apart** [Far09a]. **Application**
[Dav98, DFPP43, Dir45a, LU31, Tiw12, Dir26f, LR79, LRK80, OP95, SMI83,
Wig01, WY85, Dav98, PFD43]. **Applications**
[CO03, ERW75, FLS76, RL68, SS11, Tha88]. **Applied**
[F⁺00, LR59, Kim80a, Kim80b, MD88]. **Appointed** [Ano34b]. **appreciation**
[Har01]. **Approach** [Bro05, Fey48, FBD05, CH02, Dir78f, DSP03, IT84,
Jun97, Leh91, Nak97, OP95, RdO07, RdO16, SBZ90, Bri18]. **approaches**
[Dat04]. **approximants** [Rod80]. **Approximate**
[Dir30a, Dir43a, IS10a, PFD43, SM35]. **Approximating** [CK90, CK91].
Approximation [QGW01, Inf53b, SS11]. **Approximations**
[CT67b, SBB⁺62, CT67a, Fer86]. **Äquivalenzverbot** [JW28]. **Arbeit**
[Hei34b]. **Arbitrary** [Dir43a, IKRT89b, Kat00, PFD43]. **Archimedes**
[Pic08]. **Aristole** [vW02]. **Aristoteles** [vW02]. **arrival** [Dir82b]. **Arthur**
[Deh36]. **Asim** [Ble86, Tor87]. **Aspects** [SW72, Meh75, Pai98, Bel73].
assessment [SS03]. **Associated** [GZM05]. **association** [HC87].
Assumptions [Dir77a]. **astounding** [Haw11]. **astronomers** [Car01].

Astronomia [RCC⁺06]. **astronomical** [SV90]. **astronomy** [FF91].
Astrophysics [Tau63c, IPM73]. **Asymptotic**
 [BG91, Bou08, Din58, IM95, Nov74, Wal76, CK78, GFG01]. **asymptotically**
 [Ogu96]. **asymptotics** [Doa91, NP96, SM03]. **atmosphere** [Dir25d]. **Atom**
 [Ano30, Dir26e, Dir67c, EKI94, Far09b, Har28, Pau25, Rod19, Bun52, Dat04,
 Dir30c, MR10, Sto94, RS10, Dys10, Cas10]. **atomaren** [Sei36]. **Atomic**
 [BBD⁺46, Dir84b, FR13, HSD34a, Ish90, McW73, Pei97, Rob85, Sei36, SH59,
 WBR76, Bel91, CCJ⁺34, DSK72, Dir36a, Dir55f, LBNZ98]. **atomique**
 [Dir48e]. **atomiques** [CCJ⁺34]. **átomo** [Bun52]. **Atoms**
 [CR12, Dat95, Csa81, Dir25c, DH32a, DFW99, Tiw12]. **Atomtheorie**
 [Ben34, HSD34a, Wil36]. **attached** [Pei42]. **Attraction** [KK10]. **Aufl**
 [Deh36, Haa34]. **August** [DP86, F⁺00, Zic88, DHS78]. **Ausgestaltung**
 [Lan30]. **auspices** [CCJ⁺34]. **Australia** [DHS78]. **autographs** [PKKL09].
autoionization [ACM10]. **Automata** [Tau63b]. **automatic** [Nil03b].
automorphism [Cra93]. **autres** [Kle05, Ano05]. **Award** [Ano33, LW34].
Axisymmetric [JP73].

b [Sch85]. **background**
 [CGKS94, CV02, Fei02, FSY00, Han99, Por95, SS98, YS03]. **bag** [Fei02].
Baltimore [L.88]. **bang** [Das96, YS03]. **banquet** [Sno73]. **Barbara** [GG76].
Bargmann [MS95]. **Bargmann-** [MS95]. **Barut** [Ble86, Tor87, Sch85].
Based [EKI94, AT07, FA10, Haa34]. **Basic**
 [Dys10, RS10, Dir69a, Jor52, Jor55, MS87]. **Basis**
 [Dat95, QGW01, Dir29a, Dir38b]. **Be** [Ano30, Far03, Dir62a, Dir69b, Dir70a].
Beautiful [Far03, Wri16]. **Beauty** [Dir54b, Dir79a, HK93, McC04, Smo93].
became [Cri18]. **Beck** [Nis35a, Nis35b]. **Bedeutung** [Jor59, Smo93, Som36].
before [Hen83]. **Began** [Kae48]. **behavior** [Son99]. **behaviour** [CK78].
behind [Pic08]. **Behram** [L.88, Ram89, Hen89, Sch88, Stu88]. **Belfer**
 [Suc67]. **Belief** [Dir76a]. **believe** [Dir80h]. **belleza** [Bas08]. **Bemerkungen**
 [Hei34b, vN28, Hei34a]. **Bergmann** [GNH78, Kru94, TM85]. **Berichtigung**
 [Hei34b]. **Besprechung** [Hei30a]. **Bessel** [Car92]. **Bethe** [CH02]. **Between**
 [Stu18, Bal85, Bok04, Dir25c, Dir39c, Dir45b, dB32b]. **Beyond** [Rod19].
Bibliography [RZ80]. **Bicentennial** [Pet11]. **Big** [YS03, Das96].
biographical [Dal87b]. **biographies** [Ano65]. **Biography**
 [Dre90, Hen91, Deb13, Kra90, Sch91b, Bro91, Dar92]. **biology** [BP79b].
Birth [BH83a, BH83b, RCC⁺06, Sch94b, ACM10, BH82]. **birthday**
 [BvdM83, Cha73]. **bis** [Fis10a, Fis12a, vW02]. **bispinor** [Cra85]. **black**
 [FSY00]. **Blackett** [Dir84a]. **Body**
 [Bus10, CV90, GL92, II08, LC98, SCSB93, Sem93]. **Bohm**
 [AW17, Col12, Tam03, Vil95]. **Bohr** [Lak96, Bal85, BR64, Bok08, Dir24b,
 Dir28a, Dir64g, Dir67d, Kra17, MR82d, MR82e, RRK⁺64, Roz67]. **Bohrs**
 [Dir64g]. **Bondi** [Dir52a]. **Bonn** [Wat91]. **Book**
 [And88, Bel73, Ble86, Bri18, Bro91, Cas10, Dar96, Dav36, Dre90, Dys74,
 Dys10, Ell91, Eps35, Ett31, Goe16, Hen89, Hen91, Hov96, Kib98, Kil76, L.88,

LJ31, Pau30, Pol58, Ram89, RS10, Ryc17, Sch69, Sch85, Sch88, Sch91b, Sti13, Stu88, Suc67, Tem35, Tor87, War96, Jär64]. **Books** [Dys10, L.88, K.L88, RS10]. **boomerons** [Leo80]. **Boosting** [CKPT04]. **Born** [Dir60d, Gre05]. **Boronlike** [VIK98]. **Bose** [BBR03, Din58, Gau93, Kap40, Kos86]. **bosons** [Bel85, RM96]. **both** [Cra88]. **Bound** [BB85, RU81, Cor70, IS10a, ZQ90]. **bound-state** [Cor70]. **Boundary** [GZM05, JP73, FGM⁺96, FSS98, RS87]. **Bounds** [SV90, SV95, MS95]. **Bra** [Rob66, D'A02, Pru73]. **bracket** [FK70, Lan72, MS68, Rug88, Wot91]. **brackets** [FLS76, Sei99]. **brain** [Lip87]. **Branch** [Bun82]. **bras** [Jau72]. **Brave** [HW06]. **Brecht** [Sch99]. **Breit** [EKI94, Ish90]. **brief** [Pol87b]. **British** [Wal09]. **Broglie** [AW17, Ble86, Bou01, Col12, Deh36, Haa34, Sch85, Tor87, Bou01, BVV84, Dav98, Haa34, dBDW⁺84]. **Broken** [Pei92, Dir73c, Dir73d]. **Brownian** [AW95]. **Brueckner** [MHN98]. **Brussels** [CCJ⁺34]. **Bruxelles** [CCJ⁺34, Far01]. **Buch** [Jär64]. **Buchbesprechung** [Deh36, Hei30b, Wil36]. **Bücher** [Ben34]. **bucket** [BP95]. **bulk** [vN96]. **Bundle** [Bri18, Oev88, RdO07, RdO16]. **bundles** [Gre77, UB83]. **Bunge** [Hin77]. **Bunin** [Ano33].

C.W [Hen89]. **Cabrera** [Lub82]. **Calculated** [Dat95]. **Calculation** [IKRT89a, SBB⁺62, Vul03, NM84, Pic89, Sag91]. **Calculations** [DFW99, Eeg80, Ish90, QGW01, VIK98, Dir55c, EG84, IKRT89b, IKRT91, YG77]. **calculus** [Eeg80]. **California** [Ano34a]. **called** [Gol05]. **Calogero** [MS95]. **Calogero-type** [MS95]. **Cambridge** [Ble86, Dre90, Hen89, Hen91, Pei92, Sch85, War96, Ano30, Dir37c, EP72, Hen84, KN03, Pei87a]. **Can** [Dir69b, Dir70a]. **canonical** [Bel85, BC69, Olv86, PSA94]. **Carolina** [BCEP94]. **Cartan** [DMH85]. **Cartesian** [SC91]. **Case** [Bou08, Pas12, Pic81, Kra81a, RSK99]. **case-study** [Kra81a]. **cases** [All03]. **cat** [Lam87]. **Catania** [RCC⁺06]. **Cauchy** [Cha72]. **Celebration** [Hen89]. **Centenary** [BCEP94, Hen89, GC97, SS03, Wil05]. **Centennial** [RCC⁺06, BB03, HE82]. **Center** [KPS⁺78, KP83]. **Central** [Har28, SM91, SCSB93]. **Centre** [Meh73, Ruf82, Sal69]. **centrifugal** [IU86, YI90]. **centrifuge** [Dir42c]. **Century** [RCC⁺06, Bra09, CM86, Meh73, SS03, Wal09, Wei77, Koz90, Med90]. **Certain** [Dir79c, Wal76, Gre05]. **certificates** [Ano10]. **Chadwick** [Ano51, Dir75e]. **challenge** [CT12]. **challenges** [F⁺00]. **champ** [Dir39a]. **Change** [Dir79e, Gam67a, Tel48, Wil58]. **chapter** [Kra15a]. **Characterization** [YYH⁺01]. **characters** [Coq85]. **Charge** [Dys67, Gam67d, Per67]. **charged** [AW17, Bor85, BG90, FA01, LMV91, RU81]. **che** [Fer24]. **Chebyshev** [CT67a, CT67b]. **Chemistry** [Bun82, DN96, Len14]. **Chemists** [Sim02]. **chiral** [Fin00, Wot91]. **chromodynamics** [F⁺00]. **chronology** [Rec97]. **Chronon** [GF02]. **Chunk** [BMP14]. **CI** [DN96]. **circle** [All03, BR64]. **Claim** [Sim02]. **Clarifying** [GG11]. **Class**

[BG91, DK89, EF77, FM75, IV85, IK91, KL90, Wil91]. **Classical**
 [BG90, Dir38a, LBNZ98, Roh60, Bok04, Dir33a, Dir45b, Dir49a, Dir51c,
 Dir51d, Dir52d, Dir54c, FK70, GS79, MS68, RU81, Sno73, IU86]. **Classically**
 [GPS86]. **classification** [KLMW88]. **classmate** [Cri18]. **Clifford**
 [Bri18, CDK90, ML93, PP71, RdO07, RdO16, UB83, Vrb94]. **Closed**
 [BBR85, Mor85, Bok04]. **Closed-Form** [BBR85]. **closer** [BBSF10]. **Cloud**
 [Inf53a]. **Cluster** [EKI94]. **clusters** [EG84]. **co** [RRK⁺64]. **co-workers**
 [RRK⁺64]. **codes** [DSK72]. **colleagues** [BR64, Roz67]. **Collected**
 [Dar96, Hov96, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, War96,
 Dal95, Wig96d, Dir02, Dir03b, Dir04, Dir05b]. **Collection**
 [CMO00, Bus10, Koz90, CMO00]. **College** [Dir37c, Jef87]. **collisions**
 [Dir27e]. **Colloquium** [ACM10, Bat07, UM86]. **combined** [HD77]. **combs**
 [Ric03]. **Commemoration** [RCC⁺06, Buc80]. **Comment**
 [BF12, Kha86, MWF07]. **commentary** [DP97]. **Commission** [BBD⁺46].
Committe [Ano67]. **commutation** [Bel85]. **commuting** [KLMW88].
compact [BT90]. **Comparison** [QGW01, Dat04]. **Complete**
 [GFG01, Goa95, RZ80, KLMW88, KL92]. **completion** [MR00, Pau25].
Complex [Dir37a, Gre77, Sla29, Eeg80, Hes75, Mar88, Nas86, Pau25, RA11].
comprehensive [Her18]. **Compton** [Dir25d, Dir26f, Dir27a]. **Computation**
 [Fuk14, Goa95, MS38, Wat91, Doa91, Gau93, TM85]. **computational**
 [Len14]. **computations** [AT07]. **Computer** [F⁺00, IKRT89b]. **Computers**
 [Tau63b, Len14]. **Computing** [Ano18, Bel91, F⁺00, BDM81b, BDM84].
concept [Dir78e, Kra81a]. **Conception** [Dir79c, Dys74, Dir73a, Meh73].
Conceptual [Dun12]. **Concluding** [Wig96b]. **conclusions** [Jor66].
condition [Dir24b, Her18, YI90]. **conditions**
 [Dir25c, Dir62a, FGM⁺96, FSS98]. **Conduction** [DuM28]. **cone** [Fin00].
conférence [Dir48e]. **Conference**
 [BCEP94, Dor82, IPM73, Kur73, Pet11, RCC⁺06, DPI71, Far01].
conferences [Meh75]. **confined** [Das93]. **Confirmation** [DuM28, Jor62b].
Conformal [MSB92, Son99, Dir36c, IU86]. **congruences** [KM84].
conjecture [CT83, CPV10]. **conseil** [CCJ⁺34]. **Consequences**
 [Dir78b, HE06, Jor62a, Jor71, Dir75d, Jär64, HE35]. **Conservation**
 [Bou85, GS79, GLR14, Dir36a, LCH10]. **Conserved** [Ker83, CV02, SES82].
Considerations [Coh70, Fer24]. **Considerazioni** [Fer24]. **Consistency**
 [GH75]. **Consistent** [Ish90, EG84, MHN98, YL09]. **Consistently** [BSW88].
Constancy [Irv83, Per67]. **Constant** [Ano12, BS67, Bek86, BF12, Dir72f,
 Dir75b, Dir79e, FK07, JRF06, KM12, Mar84, MWF07, Noe73, Rob83, Sch91a,
 SCPA04, Tel72, WB78, WFC⁺99, Wil93a, WW86, Alp73, AG03, BBSF10,
 Car01, CKYY07, Cho81, Dir78c, FA10, Hal78, Han99, Inf61, Inf63, Lev80,
 MG87, Nor86, Ogu96, Peg77, Sch99, ZdSS91]. **Constants**
 [Gam68, Kra19, SV95, Tel48, Tel72, Wil58, Alp73, Bar02, BMS02a, Car01,
 CGK72, Dic59, Dir37b, Dir73b, Dir78a, DOV02, Dys72, Dys78a, Dys78b,
 DFW99, ES10, GT85a, GT85b, GT86, IC04, Kha86, KPW86, LMSV08,
 Nil03a, Nor86, Pet85, Pet88, SV90, Uza03]. **Constrained**

[Tay87a, BNB94, GB90, Sei99]. **Constraining** [JRF06, SBK⁺08]. **constraint** [CY91]. **Constraints** [sC78, Pic81, GNH78, Han99, IC04, Kru94, LMSV08, Oev88, Olv86, TM85, YS03]. **construction** [Nas97]. **Constructive** [Sta12]. **Contact** [L6w64, DEŠ92]. **contain** [Fer24]. **container** [Dir42a, Dir42b]. **containing** [DW09]. **Contemporary** [Sal69, Sal69]. **contengono** [Fer24]. **Context** [Sch91a, Pet11]. **Continues** [Ble86, Sch85, Tor87, BVV84, dBDW⁺84]. **Continuous** [Tau62]. **continuum** [Bel91]. **Contribution** [Ano30, Meh87a]. **contributions** [ES10]. **Control** [GZM05]. **Controversy** [Pic81]. **convection** [CG07]. **Convergence** [Rod80, Tam03]. **Converging** [Din58]. **conversations** [Bri95a, BP79b]. **Coordinate** [Neu33]. **coordinates** [Dir59d, SC91, SC92a, Vil90b]. **Coral** [IPM73, KPS⁺78, KP83, Per80, DPI71, Kur73, Kur87b]. **Corepresentations** [HW90]. **Cornelius** [BCEP94]. **Correction** [Hei34b]. **Corrections** [Kir97, Csa81, GF02]. **corrector** [Doa91]. **Correlation** [EKI94, MHN98]. **Correspondence** [Ano67]. **Corrigendum** [CT67a]. **coset** [BILP03, OP95]. **Cosmic** [BS67, WBR76, Han99, YS03, Mil97]. **Cosmo** [Kra82]. **Cosmo-Physics** [Kra82]. **Cosmological** [CO03, Dir74b, IRV⁺08, Sch91a, BM98, BMS02a, DSW08, Dir37b, Dir78c, Dir78f, Hal78, Por95, ZdSS91]. **Cosmologies** [Kra06, GT85a, GT85b, GT86]. **Cosmology** [Alp73, BBBM90, Dic61, Dir61a, Dir78g, Dir05b, Gam67c, Gam67b, Goe16, Kra82, Rei72a, Rei72b, Dir38b, Jor52, Jor55, Kra16, Nor65, Nor90, PD62, ZdSS91]. **Cosmonumerology** [Kra91b, Kra91a]. **cosmos** [HW06]. **cotangent** [Oev88]. **Coulomb** [EKI94, Har28, WY85, BK76, BM70, BBR85, BJ03, CH02, DEŠ92, DSP03, Hos83, Hos87, Hyl84, IS10a, IS10b, IM95, Kim80b, yRSBSV99, RU81, ROB64, SWO76, Vil95, WY84, Won90, de 89]. **Coulomb-like** [IS10a, IS10b]. **counts** [Lub82]. **Coupled** [BSW88, EKI94, BB85, Cha72, LC98]. **Coupling** [L6w64, DST92, GT85a, GT85b, GT86]. **couplings** [DSW08, YZ08, YL09]. **course** [Zic88]. **covariance** [Bel85, UB83]. **Covariant** [UL31, CV90, CY91, LC98]. **Creation** [HND⁺62, CM86]. **Creativity** [Sch94c]. **creators** [Str11]. **criteria** [DSK72]. **Critique** [Ano05]. **cuántica** [Dir67b, Dir68c, Dir69e]. **cuántico** [Dir54a]. **cubic** [Pen99]. **cultural** [HE82]. **Curies** [Kae48]. **Current** [Pas12, Bor85, LW78]. **Currents** [Ker83, SES82]. **curved** [BO92, Ran87, Rüd84, Vul03]. **curvilinear** [SC92a, Vil90b]. **cylindrical** [BR97, Vil90b]. **Cylindrically** [BSW88]. **Czech** [Dir59b].

d [Jor66, CG07]. **d’Albert** [Buc80]. **Dalitz** [Dar96, Hov96, War96]. **Danish** [BR64, Dir64g, RRK⁺64]. **dans** [dB32a, dB52b]. **darkest** [HW06]. **darling** [Dir87a]. **Data** [SV95, CG07, Cor70, Han99, SV90]. **De-mystifying** [Lut07]. **dead** [Dir65a]. **Debate** [Pas12, Bok08, HSZ76]. **Debye** [BCK97]. **December** [BB03, BCEP94]. **declining** [Kra15a]. **Decoding** [RS10]. **decrease** [Tak31]. **Deduction** [BI34, BI34]. **déduit** [Bor49]. **décembre** [Dir48e]. **Découverte** [Dir48e]. **Deep** [Kol67]. **Deep-Sea** [Kol67]. **deepest** [Bar02]. **développements** [Dir48e]. **défient** [CT12]. **Defining** [Mla98]. **Definite** [Dir79b]. **Deformations** [FLS76]. **degeneracies** [LMV91]. **Degeneracy**

[BM70, JM99, MC70]. **Degenerate** [DuM28, Can98]. **degli** [Fer24]. **d'Einstein** [PS32a, PS32b]. **del** [Bun52, Maj37, Wei77]. **delayed** [Rod80]. **Delivered** [Wig96a, DHS78, Wig87a]. **dell** [Maj37]. **della** [Wei77]. **Delta** [JP73, Lam69, Lam70, Nov74, Wal76, ABR06, BMP14, CPV10, Deb13, GGS04, JT10, LW75]. **Denied** [Ano54]. **Dennis** [Bin00]. **Dennison** [Ano67]. **Dense** [Ric03]. **densités** [dB32a]. **densities** [Cra85, dB32a]. **Density** [Csa92, Dir43a, Rij66, Csa81, Dir30d, Dir42d, Kos86, MHN98, PFD43, SS11, Wig01]. **Department** [Hal78]. **dependence** [Rob85]. **dependent** [AME14, BK10, IS10b, RSK99]. **Derivation** [Eva04, Wot91, Riv94]. **derivatives** [Cor70, GZDA01, MKK05]. **derive** [Cra88]. **derived** [Bor49]. **description** [Car94]. **design** [DSK72, Tau63b]. **detect** [GGS04]. **Detecting** [IRV⁺08]. **Determinants** [FGM⁺96, Lan01]. **Deuterium** [CR12]. **Development** [Aur71, Dir73a, Meh73, Deb13, Dir71a, Dir73b, Dir74c, Dir78a, Dir81b, Meh75, Meh87a]. **Developments** [Ano62, Dir46, Dir79d, Dir73g, Per80]. **devices** [MZF⁺12]. **diagonal** [SCSB93, Wig01]. **diagonalization** [Rou84]. **Diagrams** [Wüt11b]. **Dialogue** [Kra91b, Kra91a, Bel99]. **Diatomic** [FK07, BBSF10, YG77]. **dice** [MB11b]. **Dicke** [Dir61a]. **Did** [Far10]. **Difference** [LR59, QGW01]. **Differential** [Coq85, GZM05, Olv86]. **differentiation** [Nil03b]. **Difficulties** [Ano34a, Dir47a, MR82d, MR82e]. **diffraction** [Ric03]. **diffusion** [CG07]. **dilations** [All03]. **dilaton** [CKYY07]. **dimension** [IKRT89b]. **dimensional** [AKV83, BV85, Das93, FA01, IT88, IU86, KY01, Kam86, Kis98, Lég95, MB90, Nak00, NP96, NdlC08, RSK99, Ten68, Won90]. **dimensions** [Car01, DSP03, Fei02, Kha86, KPW86, Zas89]. **diminishing** [Jor62b]. **dinner** [Jef87]. **Dipartimento** [RCC⁺06]. **dipole** [Pos84]. **Dirac** [And88, Ano51, Ano13, BB03, Ben34, Ble86, Bri18, Bus10, Cas85, Cas10, CT67a, CMO00, DP86, Dal87b, Dar96, Deh36, Dys10, Ell91, Fis10b, Fis12b, Goe16, Haa34, Hei30b, Hen89, Hen91, Hov96, Jär64, Kib98, KBN83, Lak96, Lan87a, Meh91, Neu33, PR86, Pau30, Pei92, RS10, Sch85, Sch91b, Smo93, Smo84, Stu88, Suc67, Szm99, Tiw12, Tor87, Tu91, War96, Wig96a, Wil36, dB51, dG97, AD87, AW95, All03, All04, AME14, AKV83, AW17, Ama68, AC72, AT07, Ano30, Ano33, Ano34a, Ano34b, Ano52, Ano54, Ano67, Ano75, Ano83a, Ano83b, Ano85, Ano94, Ano02, Ano08, Ano10, Anoxx, Ant69a, Ant69b, Ara93, ABR06, AT94, Ata89, Ati98, AT99, Aug95, BSW88, BO92, BOS96, BK10, BILP03, Bal85, BC78]. **Dirac** [BDM81a, BDM81b, BDM84, BCJT16, BNB94, Bar81, BK76, BvdM83, BVV84, BB85, Bas08, Bat00, Bat07, BSW98, BN72, Beh85, Bel85, Bel91, Bel73, Bel82, Bel94, BMP14, BCK97, BM70, BBR85, Bet83, BBR03, BtGW95, BG91, Bok04, Bok08, BR97, Bor85, BI34, Bor52, Bou85, Bou01, Bou08, BC69, Bri95b, Bro77, BR87, Bro06, BJ03, BP79a, Bue05, BT90, Bun52, BV85, CT83, Can98, Car92, Car94, CG07, CO03, Caw69, Cha72, Cha73, CGK72, sC78, CPV10, CH02, CDK90, CGKS94, CH16, Cla94, CT67b, CK90, CK91, Coh70, Col12, Coq85, Cor70, Cor07, CV02, CV90, CY91, Cra85, Cra88, Cra93, Cri18, Cri76, Csa81, Csa92, D'A02, DJ95, Dal87a,

Dal95, Dar90, DK89, Das93, Das96, Dat95, Dat04, Dav98, DSK72, Dav36].
Dirac [DN96, DL82, Deb13, Dic61, DMH85, Din58, Dir61a, Dir74d, Dir80a, DRFS80, DS83, DEŠ89, DEŠ92, Dit15, DST92, Doa91, DSP03, DW09, DuM28, DRF17, DP03, DR93, Dys74, Dys87, Dys07b, EP72, Eeg80, EM33b, EM33a, EF77, EKI94, Eli87, ERW75, EG84, Eps35, EV97, Esp12, Ett31, Eva04, FA01, FG87, FGM⁺96, FSS98, Far09a, Far09b, Far10, Far16, Fei02, FM75, Fer49, Fer86, FW87, Fin00, FSY00, Fio06, FLS76, FK70, Fre87, Fre95, Fuk14, FR86, FZ91, GG02, GLMR94, GL92, GF02, GB90, Gam33, Gar84, GFG01, Gau93, GJEF10, Gin09, GB13, GS84, GS79, GD10, Goa95, God98, GG11, Gol05, GG51, GZDA01, Goo55, GZM05, GNH78, Got11, Gru00, GH94, GGS04, GH75, Haa34, Hal87, Hal78, Hal85, HD77, Ham84, HW90].
Dirac [HC87, Hau72, Haw98, Hei30a, Hei34b, Hei34a, HE35, HDW75, HE06, Hen83, Her18, HJL00, Hes73, Hes75, HL38, Hil92, Hin77, HJKS91, Hor11, Hos82, Hos83, Hos87, Hos89, HM99b, HM99a, HK93, Hov96, Hoy92, Hyl84, IT84, IT88, IJ02, IS10a, IS10b, IKRT89a, IKRT89b, IKRT91, IM95, Inf34a, Inf53a, Inf53b, IP56, IP57, Ish90, II08, IU86, IV85, IV87, IK91, JM99, JT10, Jin91, JP73, Jor59, Jor62b, Jor62a, Jor66, Jor71, Jun97, KY01, KMW86, KM92, Kam86, KM84, KLMW88, Kap40, Kat00, KRR90, KR92, Kem87, Ker90, Ker83, Kil76, Kim80a, Kim80b, Kis98, Kla90, KK10, Köp06, Kos86, KL90, Koz90, Kra81b, Kra82, Kra90, Kra91b, Kra91a, Kra13, Kra16, Kri87, Kru94, KY93, Kur87b, Kur87a, KW87]. **Dirac** [L.88, K.L88, LW34, Lam69, Lam70, Lan30, Lan05a, Lan05b, LR79, LRK80, Lan01, LW78, Lan87b, LU31, LR59, Lee95, LH86, Lég95, Leh91, LJ31, Leo80, LCH10, LW75, Lin10, LC98, Löw64, Lub82, Lut07, MD88, Mac98, Mal75c, MHN98, MG87, Mar65, MB90, MB91, Mar88, MS95, yRSBSV99, MSB92, Mat87, MR10, McA90, McC04, MS38, MS87, Med89, Med90, Meh72, Meh87a, Meh87b, Meh87c, MR51, ML93, MRB75, Mil98, Mil97, Mit10, MN97, MKK05, Moh07, Mon95, MB11a, Mor85, Mot87, Moy81a, Moy81b, Moy81c, MS68, Mur71, Nak97, Nak00, NM84, Nas84, Nas86, Nas97, NK93, NM01, NP96, NdlC08, Neu00, Neu33, Nil82, Nil03b, Nis32, Nis35a, Nis35b, Nov74, Oak00, Oev88, OS81, Ogu96, Olv86, OP95, Pai90, Pai87]. **Dirac** [Pai98, Pai00b, PT86, Pas12, PS32a, PS32b, Pau43, PD62, Pei34, Pei35, Pei42, Pei72, Pei85, Pei87a, Pei87b, Pen99, PP71, Pic89, Plo15, Pod97, Pol58, Pol87b, Pol87c, Pol87a, Pon05, Por95, Pos84, PSA94, QGW01, Rad96, RU81, Ran87, RSK99, RA11, RK96, RM95, RM96, Reu99, ROB64, Rho50, Ric03, Rij66, Riv94, Rob66, RRS06, Rod80, RdO07, RdO16, RR93, RL68, Ros83, Rou84, Rüd84, RTV99, Rug88, Rum86, RS87, RZ80, Sag91, Sal87a, Sal87b, SM91, SFVW95, SS03, San79, Sch69, Sch38, Sch41, Sch52, Sch94c, Sch94b, Sei36, Sei99, Sel94, SCSB93, Sem93, SBZ90, Sha87, SMI83, SV89b, SV89a, SC91, SC92b, SC92a, SV93, SS98, SS11, SG11, Sim02, Sky71, Smo93, Smo87, Sno73, SM35]. **Dirac** [Som36, Son99, SM03, Sri83, Sri89, Sta12, Sta67, Sta87, SES81, SES82, SOS84, Str71, SWO76, Szm98, Szm01, Tak79, Tal04, Tam03, TVvN34, Tau49, Tay87b, Tel73, Tem35, Ten68, Tha88, Tha92, Tha06, Tjo75, Tol98, TM85, TCC97, Tra92, TKS19, UL31, UK82, UB83, Van72, VIK98,

Vil90a, VP90, Vil90b, Vil95, VC02, Vrb94, Vul03, Wal09, Wal76, WP96, WBD70, Web87, WBSB14, Wie29, Wig72a, Wig01, Wig88, Wig87b, Wig96b, Wig96c, Wil03, Wil98, Wil91, WY84, WY85, Won90, Wot91, Wri16, Wüt11a, zXZ06, Yan78b, YYH⁺01, YG77, YI90, YZ08, YL09, Zas89, Zec96, ZQ90, Zic00, Zor80, dB32b, dB32a, dB33, dB34, dB51, dB52b, dB52a, dB52b⁺84, dG80, de 89, de 91, vEdG85, vSJLEdJG86, vN28, vN40, Dar91]. **Dirac** [Ram89, Sch88, Sti13, Stu88, Bro91, Dar92]. **Dirac-** [Gar84]. **Dirac-félé** [Neu33]. **Dirac-Gleichung** [EM33b, SM35]. **Dirac-Like** [MRB75, WP96]. **Dirac-spinor** [Eeg80]. **Dirac-Theorie** [Som36]. **Dirac-Type** [RRS06, MD88]. **Dirac.** [Dre90]. **Dirac/Gamow** [Kra91a]. **Diracgleichung** [Sch38]. **Diracs** [CKPT04]. **diracsche** [Pei35]. **Diracschen** [EM33a, Hei34b, Hei34a, HE35, Jor59, Jor66, Neu33, vN28]. **DiracSolver** [TKS19]. **Dirak** [Koz90, Med89, Med90]. **Diraka** [Bel82]. **directed** [RR93]. **Directions** [DHS78]. **Disciplines** [Len14]. **Discontinuities** [Szm01]. **Discover** [Ser12]. **discoveries** [Bra09]. **Discovery** [CR12, BBC⁺94, Fal97, GC97, Got11, Kae48, Kox97, MR82a, Rob97]. **Discrete** [Dir72a, All03, BK10]. **discretizations** [CG07]. **Discussion** [Dir28a, Dir34a, HND⁺62, SBB⁺62, vN40]. **discussions** [CCJ⁺34]. **disk** [FSS98]. **dispensability** [Bue05]. **Dispersion** [Sei36, Dir27c]. **Dispose** [Ano34a]. **Dissipative** [All04]. **Dissociation** [Dir24a]. **Distant** [MWF07, SCPA04]. **distinctions** [GG11]. **Distributed** [QGW01]. **distribution** [CK90, CK91, Dir34a, Fuk14]. **distributions** [Bet83, Cra88, RS87, Zor80]. **divergent** [Bel91]. **Do** [Wil58, Alp73, Ros83, zXZ06]. **documents** [PKKL09]. **Does** [BS67, Dir36a, Dir75b, Dir79e, Dir81a, Gam67a, Kap40, MB11b]. **d'onde** [dB52b]. **d'onde-pilote** [dB52b]. **d'ondes** [BI34]. **Doppler** [Dir24b]. **double** [dB52b]. **double-solution** [dB52b]. **d'ouvrages** [Dar91, Dar92]. **Dr.** [Ano30, Dir40]. **dreams** [Haw11]. **Drehelektrons** [vN28]. **driven** [AG03]. **drogi** [Inf33]. **d'une** [Dav98]. **during** [DHS78]. **dynamic** [DSK72]. **dynamical** [Dir48c, Dir49a, PSA94]. **Dynamics** [Dir24c, Dir27b, Dir33a, Dir49b, Dir50b, Dir51a, Dir55e, Dir58b, Dir77b, Son99, Tay87a]. **dyon** [ZQ90]. **Dyson** [Sch94a].

E. [Bel82]. **Early** [Dir82c, LMSV08, Dir73g, Meh87a, Pai72]. **Earth** [Jor66, Jor71, Kra15a, Kra15b]. **École** [Bou01]. **ed** [Hen89, War96]. **Eddington** [Bek86]. **Edge** [YYH⁺01]. **edition** [Jär64]. **editors** [Tor87]. **eds** [Ble86, Hen89, Sch85]. **Effect** [FK08, Bat00, Bat07, Dat04, Dir25d, Dir27a, Kox97]. **effects** [DFW99, Gar84]. **efficiency** [Dir42a]. **Ehrenhaft** [Dir77c]. **eigenfunction** [Szm01]. **eigenfunctions** [Cla94]. **Eigenparameter** [BK10]. **eigenvalue** [All04]. **Eigenvalues** [Cla94, AT07, YI90]. **eightieth** [BvdM83, KMPD85]. **einatomigen** [Fer26]. **einem** [Dir60b]. **Einführung** [Deh36, Haa34]. **Einheit** [Sch38]. **Einige** [Jär64, vN28]. **Einstein** [Ano05, Bal85, Bri18, Buc80, HD77, HE82, SH99, BOS96, BBR03, Bok08,

Buc80, Cra88, DMH85, Din58, Dir79a, Dir79d, Dir79c, Dir79b, Dir79f, Dir79g, Dir80e, Dir80d, Dir80c, Dir80h, Dir81b, Dir79m, Gau93, GMW80, Gru00, HW96, Jin91, Kap40, Kle05, Kos86, KBN83, MR82d, MR82e, PR86, PS32a, PS32b, PS79, RA11, RM95, Rob15, RdO07, RdO16, RTV99, Tol98, Vil90a, Wie29, Wil93b, Wil91, Zic00]. **elastic** [Gar84]. **Elected** [DP86]. **Electric** [Inf53a, Per67, BM70, DH32a]. **Electrically** [SV93]. **Electricity** [Gam67c, Gam67b, Sto94]. **electrodynamic** [Jär64]. **Electrodynamics** [Ano75, HDW75, Sch52, Sch94b, Sch58, Sch03, BI34, Bro77, DFP32, Dir35b, Dir43b, Dir46, Dir47a, Dir50c, Dir52c, Dir55a, Dir57b, Dir60d, Dir65a, Dir68b, Inf53b]. **électrodynamique** [BI34, Dir52c]. **Electromagnetic** [MWF07, SCPA04, BN72, Dir31b, Dir39a, ZQ90, dB32b]. **électromagnétique** [Dir39a, dB32b]. **Electron** [Ano30, Ano34a, Csa92, Dir77h, Dir79h, Dir79i, Dir79j, HL38, Neu33, Roh60, SBK⁺08, vN28, Bat07, BN72, Bor52, CH02, CKYY07, CDK90, Dir28f, Dir28b, Dir28c, Dir29b, Dir30d, Dir35a, Dir39a, Dir59a, Dir62c, Dir77g, Dir77i, Dir79k, DFW99, Fal97, GC97, Gol05, Hin77, Kim80a, Kim80b, Kox97, Lan30, Lan05a, Maj37, Mil97, Moy81a, Moy81b, Moy81c, Pai72, Pei34, Pen97, Rec97, Rob97, Som34, Sto94, dB32b, dB33, dB34, dB52b, Ano34a, Dir39a, dB32b, dB33, dB52b, Gar84]. **electrona** [Dir59f]. **Electronic** [Inf53a]. **Electrons** [Dir30i, Dir34d, Dir58a, DuM28, Dir25c, Dir25d, Dir28d, Dir28e, Dir30e, Dir30j, Dir34a, Dir38a, Dir48b, Dir51c, Dir52d, Dir54c, Dir59b, Dir59f, Dir65b, Dir91b, Gam33, KD33, Pau25, Seb19, dB52a, Kra81b, dB52a, dB51, dB51]. **Electrophoresis** [CKPT04]. **electroweak** [KM04]. **elektron** [Neu33]. **Elektronengruppen** [Pau25]. **Elektroni** [Dir57a]. **Elektrons** [Lan30, Dir28f, Dir28d, Neu33, Dir28e]. **Elektrony** [Dir59b]. **element** [Rig02, RS87]. **Elementary** [And88, BH83a, Dir86, FW87, Gam67d, BH82, Fer86, Kat00, KP83, PB68]. **elementary-particle** [BH82]. **elementi** [Fer24]. **Elements** [Dir32a, Fer24, Hos87, WY84, ZQ90]. **elettrone** [Maj37]. **Elimination** [Dir26a]. **elliptic** [ABR06]. **elméletében** [Neu33]. **embedded** [EG84]. **EMC2006** [RCC⁺06]. **Emeritus** [Ano13]. **Emission** [Dir27d]. **Empirical** [Jor62b]. **Empiricism** [Kra91b, Kra91a]. **enclosed** [Dir42b]. **encode** [Bar02]. **end** [Gre05]. **Energies** [EKI94]. **Energy** [Ano30, BBD⁺46, Csa92, Dir59c, Dir71f, Dir72c, Dir73h, GLR14, IPM73, MWF07, Roh60, SCPA04, Ano08, BtGW95, Csa81, DPI71, DMH85, Dir36a, Dir42a, Dir62b, Dir70a, Dir71d, Dir71e, Kra17, KPW75, KPS⁺78, NP96, Per80, SWO76, Wig72b, KMPD85]. **energy-momentum** [DMH85]. **Enhanced** [BBSF10, FK07]. **enquiry** [Alp73]. **Enrico** [Mil07]. **Entgegennahme** [Wil36, HSD34a]. **entre** [Bal85, dB32b]. **episodes** [Bra09, Smo87]. **epistemology** [Wri16]. **Epoch** [Dir90c, Dic59, Dir88a, Dir88b, Dir90d]. **Epokhe** [Dir90c]. **Equation** [Aug95, BCJT16, Dir71f, Dir72c, Dir77h, Dir79h, Dir79i, Dir79j, Eva04, GB13, GG51, GH94, Inf34a, KK10, Löw64, MRB75, Plo15, QGW01, RK96, Sta67, Tiw12, Wüt11a, vN40, AD87, AME14, AKV83, AW17, Ata89, Ati98, BO92, BK76, Beh85, BCK97, BM70, BtGW95, BI34, BC69, BJ03, CG07,

sC78, CGKS94, Coh70, CY91, Cri76, Dat04, Dav98, Dir35a, Dir59a, Dir71e, Dir77i, Dir79k, DSP03, EF77, EV97, Esp12, FA01, FM75, FSY00, FZ91, GLMR94, GL92, GF02, GS84, Ham84, Hil92, Hos82, Hos83, Hos87, Hos89, HM99b, HM99a, IJ02, IS10a, IS10b, IV85, IV87, IK91, Jin91, Jun97, KMW86, KM92, KRR90, KR92, Kis98, Köp06, KL90, KL92, Lan05b, Lin10, MB90, MB91, Mar88, MS95, yRSBSV99, MR51, Mil97]. **equation** [Nak00, RSK99, Riv94, RL68, Rüd84, San79, Sch38, Sel94, SCSB93, Sem93, SMI83, SV89b, SV89a, SC91, SC92b, SC92a, Sky71, SM35, Son99, Sri89, SES81, TVvN34, Tha92, Tha06, TCC97, TKS19, UK82, Vil90a, Vil90b, Vil95, Vrb94, Vul03, Wig72a, Wil03, WY84, Won90, Zas89, Zec96, BI34, Dav98].

Equations

[Bri18, Dir25e, Dir67a, EM33b, Far03, Ker83, LU31, LR59, Sch41, Tau49, UL31, Wie29, BOS96, BK10, BC78, BR97, Caw69, Cha72, CV90, DK89, Das93, Das96, DMH85, Dir36b, Dir36c, Dir69b, Dir70a, Dir71d, Dir77d, EM33a, Fre95, GS79, HD77, Hau72, Jin91, KM84, KBN83, LH86, Lég95, LC98, MD88, Mal75a, Mal75b, Mal75c, MR10, MR82c, Nak97, Pai87, PT86, PS32a, PS32b, PP71, Por95, Rad96, RA11, RdO07, RdO16, SM91, SFVW95, SBZ90, SG11, SES82, SOS84, Szm98, Szm99, Tak79, Tu91, VP90, VC02, Wil91, de 89, PS32a, PS32b].

equilibrium [BSW98, Col12, Dir25c]. **Equivalence**

[Dir64a, Bro77, JW28, Nas86]. **equivalent** [AW17]. **Era** [Dir77f, Dir87e].

Erde [Jor66]. **Erforschung** [Fis10a, Fis12a]. **Ergodic** [Tau61b]. **Erice** [Zic88]. **Erratum** [Gam67c, GT85a, Mal75a, Szm99]. **error** [ABR06, CG07].

Erwin [Dir61b, MR87]. **Essays**

[Ble86, Sch85, Tor87, BVV84, SH99, dBDW⁺84]. **Essential**

[KY01, Ogu96, LR79, LRK80, Rig02]. **established** [Ano85]. **Estimate**

[Dir42a]. **estimates** [ABR06, BtGW95, CG07]. **était** [Ano05, Kle05]. **etc**

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J [Dar91, Fal97, L.88, Sch85, Szm99, Fal97]. **J.** [Dir71a]. **J.-P** [Sch85]. **Jacobi** [AW17, PP71]. **Jagdish** [Dys74]. **James** [Ryc17, Dir75e]. **Jan** [KPS⁺78, Per80]. **January** [DPI71, IPM73, Kur73, KP83]. **jauge** [Dir52c]. **Jean** [Ble86, Tor87]. **Jean-Pierre** [Ble86, Tor87]. **jepohe** [Dir90d].

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Kähler [PT86, Reu99]. **Kahn** [Kos86]. **Kalinga** [Aur71]. **Kálnay** [Hin77]. **Kaluza** [GT85a, GT85b, GT86, Mar84]. **Kapitza** [Bat00, Bat07, DRFS80]. **Kargon** [L.88]. **kart** [Wil36]. **Kasner** [Sri89]. **Kelvin** [L.88]. **Kepler** [Cor86, DJ95, IU86, Y190]. **kernel** [MD88, Rod80]. **Kerr** [EF77, KM92]. **Ket** [Rob66, D'A02, Pru73]. **kets** [Jau72]. **Key** [Ano18]. **Killing** [BCK97]. **Kilmister** [Hen89]. **Kinetic** [Ano30, Csa92]. **Kinetic-Energy** [Csa92]. **Kinks** [Sky71, Leo80]. **Klein** [CV02, GS79, GT85a, GT85b, GT86, Mar84, SBZ90, Som36, VC02, de 89]. **Klein'schen** [Som36]. **kleinsten** [Fis10a, Fis12a]. **Knowledge** [Ano34a]. **Komplexstruktur** [Pau25]. **koordináta** [Neu33]. **koordináta-mérés** [Neu33]. **Koordinatenmessungen** [Neu33]. **Koordinatenmessungen-Genauigkeit** [Neu33]. **Kosmologie** [Jor52, Jor55]. **Kosmologiya** [Dir05b]. **Kostant** [Pen99]. **Kragh** [Dre90, Goe16, Hen91, Bro91, Dar92, Sch91b]. **kreds** [BR64, RRK⁺64]. **Kursunoglu** [Hen89, L.88, Ram89, Sch88, Stu88]. **Kvantovaya** [Dir02, Dir03b, Dir04]. **kvantovoi** [Dir60c, Dir90b]. **kvantovoj** [Dir68a, Dir99, Med89]. **Kvantovoï** [Dir32a]. **kwanty** [Inf33].

Laboratory [SBK⁺08, Dic59]. **Lagrangian** [Dir33b, Dir05a, OP95]. **Lagrangians** [RM95]. **Laguerre** [MR10]. **Lanczos** [BCEP94, GH94]. **Large** [Alp73, Ata89, Dir74b, Dir75d, Dir78c, Dir79g]. **Large-** [Ata89]. **last** [Alp73, Rec97]. **later** [Esp08]. **Lattice** [HJL00, MKS⁺13, F⁺00]. **laureate** [Ano65]. **Law** [Bor49, Bos24, Ano34a]. **Laws** [And88, Irv83, Bou85, D'A02, FW87, GS79, Pic08, Rob85]. **Lax** [PSA94]. **lead** [Rob85]. **Leap** [Bus10, Fis10a, Fis12a, II08]. **Leben** [Far16]. **lecture** [Dir60b, HSD34a, Pei92]. **Lectures** [Dir35b, Dir55b, Dir64d, Dir64f, Dir66b, Dir67f, Dir01, Dir02, Dir05b, IPM73, L.88, Nis32, Nis35a, Nis35b, Sch69, Suc67, Ano65, BDH70, DPI71, DHS78, FW87, Dir68a, Dir99, Ell91, SDEW90, dG97, And88]. **led** [Bel82]. **Lee** [WP96]. **Legacy** [Goe16, RCC⁺06, Kra16, McC04]. **Leipzig** [Ben34, Deh36, Wil36]. **Lekcii** [Dir68a, BDH70]. **Lektsii** [Dir99, Dir02, Dir05b]. **L'électron** [Som34, dB34]. **Lemaître** [Dir68e, Dir72e]. **lengths** [ES10]. **lensing** [LBNZ98]. **Leopold** [Dir52b]. **Let** [Kra17]. **Letter** [Aur71]. **letters** [Réd05]. **Level** [Bus10, Tiw12]. **Levinson** [Kla90]. **Library** [CMO00]. **Lichtgeschwindigkeit** [Pei35, Tak31]. **Lichtquantenhypothese** [Bos24]. **Lie** [DW09, FZ91, ML93, Pen99, UB83]. **Life** [Cas10, Dys10, Far09b, RS10, Sti13, BDH⁺89, BR64, Dal87b, Dir83a, Far16, Gre05, Kem87, Pai98, RRK⁺64, Roz67, BDH70]. **lifts** [Oev88]. **Light**

[Bos24, CR12, Fin00, Irv83, Ano18, Dav98, KD33, Kra06, Lou83, Pei35, Tak31].
Light-cone [Fin00]. **Light-Quantum** [Bos24]. **Like**
 [MRB75, DH32a, IS10a, IS10b, LC98, WP96]. **Limit**
 [BCJT16, CP68, MWF07, Sch06, SCPA04, All03]. **Limitations** [Ano34a].
Limits [FA10, MWF07, Neu33, SCPA04, WBR76, Rob85]. **line**
 [Gre77, HJKS91]. **linear** [GS84]. **Lines** [MWF07, SBK⁺08, SCPA04].
Lippmann [DJ95]. **List** [Meh87c]. **Literaturberichte** [Som34]. **Literature**
 [Som34]. **Little** [Dir80f]. **liv** [BR64, RRK⁺64]. **livre** [Ano05].
Lobachevskian [Ker90]. **Local** [BF12, Hes73, KM12, SV95, Cra93,
 FGM⁺96, IV85, IV87, IK91, Jin91, MB90, dG80]. **localizable** [Dir48c].
Localized [Rad96]. **Löchertheorie** [Pei35]. **Lodge** [Ano30]. **Logic**
 [Dir54b, Tau61a]. **logical** [Med89]. **logicheskie** [Med89]. **London** [Aur71].
Long [Dir73c, Dir73d]. **Lorentz**
 [sC78, Coh70, DPP42, Dir45a, Dir45c, Dir53b, DPP97, Eeg80, GLMR94,
 GPS86, Rob85, RL68, San79, Son99, Ten68, Wig39, Wig89].
Lorentz-transformations [Eeg80]. **Lorentzian** [IK91]. **loss** [SWO76]. **Lost**
 [Aug95]. **Lösung** [SM35]. **Louis**
 [Ble86, Bou01, Sch85, Tor87, BVV84, Dav98, dBDW⁺84]. **Low**
 [Ano08, MWF07, SCPA04, BtGW95]. **low-energy** [BtGW95]. **Lucasian**
 [KN03]. **lumière** [Dav98]. **luminaries** [Bri95a]. **Lyman** [SBK⁺08].

M [Ano85, Ano10, Anoxx, Ben34, Bro06, BP79a, Cha73, CH16, CMO00,
 Dal87b, Dal95, Dar96, Dav36, Deb13, Dir37c, Dir40, Dir80a, Dys87, Eli87,
 Eps35, Ett31, Fis10b, Fis12b, Got11, Hal78, Hei30a, Hei30b, HK93, Hov96,
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 War96, Wil36, Wri16, Wil36]. **Mach**
 [BP95, BD61, Dic61, Dir61a, HND⁺62, PD62]. **Machian** [Son99].
MACSYMA [TM85]. **made** [Haw11, Sch94a]. **magic** [Wil03]. **Magnetic**
 [CT83, Dir48a, Dir77e, For63, God87, Hoy87, Inf53a, Kol67, MC70, MKS⁺13,
 Pic81, Sch06, Ama68, AC72, BK76, BB85, Beh85, BM70, BG90, CK78, CH02,
 Cor86, Dir25a, Dir48d, Dir76c, Dir84d, Gre77, Hau72, LMV91, Lub75, MG87,
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magnétique [dB33, dB34, Som34]. **Magnitnii** [Dir74f]. **Main** [Ano34a].
Majorana [RCC⁺06, Ano08, ACM10, Esp08, ES10, Esp12, EAW15, Fio06,
 FK08, Gar84, GG11, MRB75, MZF⁺12, zXZ06]. **Majorana-neutrino-mass**
 [Gar84]. **make** [Dir81a]. **makers** [CM86]. **making** [Bel99]. **Man**
 [Cas10, Dys10, Far09b, Kib98, RS10, Sti13, Far09a, Far16, God98]. **manifold**
 [MB90, MB91, Mar88]. **manifolds** [GNH78]. **Mann** [MHN98]. **Many**
 [Bri18, Kat00, Dir29b, Dir30d, DFW99, RdO07, RdO16]. **many-electron**
 [Dir30d, DFW99]. **Many-particle** [Kat00]. **MAPLE** [Vul03]. **Marcel**
 [Ruf82]. **Mass**
 [HN71, IRV⁺08, SBK⁺08, Car94, CKYY07, Gar84, IS10b, KY01, KBN83].
masses [Mal75b, Mal75a]. **massive** [AW17, Dar90, KL92, PR86]. **massless**

[Bor85, Nil82]. **matemática** [Bas08]. **materials** [WBSB14]. **Materiewellen** [Deh36, Haa34]. **materja** [Inf33]. **Math** [Szm99]. **Mathematical** [GG02, CH16, Dir78d, EAW15, Mur71, vEdG85, vSJLEdJG86, Mar65]. **mathematically** [Bel91]. **Mathematics** [Dir82e, Bue05, Dir39c, Dir82a, Dir85, FF91, Pen97, KN03]. **Mathisson** [Dir40]. **Matrices** [Goo55, IKRT89a, Lee95, Mor85, Pod97]. **Matrix** [KMW86, MR82b, Dir30d, Hos87, IKRT91, NM84, Szm98, Szm99, Wig01, WY84, ZQ90]. **Matter** [Ano30, HND⁺62, Plo15, Ano18, Bat07, Dir77b, DRF17, Inf33, Inf34b, Haa34]. **matters** [Rei72a, Rei72b]. **Maurice** [Ano52, Ano83a, Ano83b, DP86, Hal85, Hen89, KW87, Pei85, Ram89, Sch88, Stu88, Wig88, Dir74d]. **Max** [Fis10a, Fis12a, Ano52, Fis10a, Fis12a, Gre05]. **Max-Planck-Medaille** [Ano52]. **maximum** [LR79, LRK80]. **Maxwell** [Bri18, BCK97, BR97, Can98, Cha72, DK89, Das93, Das96, GS79, HD77, KBN83, LU31, LCH10, PR86, Rad96, RA11, RdO07, RdO16, Sch41, SM03]. **May** [Ano18, Car01]. **Mayer** [PS32a, PS32b]. **McDougall** [Fuk14]. **Me** [Ber09]. **Mean** [KK10, dB32a]. **Meaning** [Jor59, Smo93, Dir50c, Som36]. **Means** [LR59, Eeg80, Fer86, IKRT89b]. **meant** [Kem87]. **Measure** [LR59, Nak00, Nor65, Nor90, Zas89]. **Measurement** [Neu33, Hal78, Pet85, Pet88]. **measurements** [Rob85]. **measures** [Nak97]. **mecánica** [Dir54a, Dir67b, Dir68c, Dir69e]. **mécanique** [Dir30h, Dir31a]. **mechanical** [Lan30, Lan05a]. **Mechanics** [DL82, Dir25e, Dir26a, Dir26d, Dir26e, Dir30b, Dir30f, Dir32a, Dir35c, Dir47b, Dir54d, Dir55d, Dir58c, Dir59e, Dir67a, Dir67b, Dir67e, Dir67c, Dir68c, Dir69e, Dir81d, Dir03c, Dir05a, Dys07a, Fey48, GG02, G GK02, Har28, HSD34b, Mar65, MR82b, Nis32, Sei36, Tau61a, Wey31b, Wey50, vdW67, Ant69a, Ant69b, Bok04, CY91, Dir26f, Dir26c, Dir27a, Dir27e, Dir29a, Dir29b, Dir31a, Dir32b, Dir33b, Dir33c, Dir37a, Dir37d, Dir39b, Dir42e, Dir45b, Dir51d, Dir55b, Dir64b, Dir64c, Dir64f, Dir66a, Dir67f, Dir68a, Dir69a, Dir72d, Dir73f, Dir74c, Dir77d, Dir82b, Dir99, Dir01, Dir09, DR93, Fei02, FH65, FHS10, FK70, Got11, Haa34, Jär64, JT10, Mat87, MR82a, MR82c, Meh87a, MR87, MR00, MS68, Pol87c, Tjo75, vEdG85, vdW68, vdW07, Eps35, LJ31, Pol58, Tem35, Hei30a, Dav36]. **Mechanics** [Hei30b, Pau30, Bro06, Kra13]. **Mechanics**. [Ett31]. **mécanique** [Dir53c]. **mechnanics** [Dir54a]. **Medaille** [Ano52]. **Medal** [Ano85, Ano13]. **medarbejdere** [BR64, RRK⁺64]. **mécanique** [Dir90a]. **Meeting** [CCJ⁺34, Pei87a, Ruf82, Wig87a, Wig96a, Hal78]. **Mehra** [Dys74]. **mekhanike** [Dir68a, Dir99]. **Mekhaniki** [Dir32a, Dir60c]. **Mem** [Dir61b]. **Memo** [BBD⁺46]. **Memoirs** [Dir05b]. **Memorial** [And88, Ell91, Pei87a, SDEW90, dG97, Dir71a, FW87, Haw98, Pei92, Rei72a, Rei72b, Wig87a, Wig96a]. **Memories** [Dir88a, Dir88b, Dir90d, Kir97]. **memory** [Ano85]. **men** [Sch94a]. **Mensch** [Far16]. **mérés** [Neu33]. **Merwe** [Ble86, Sch85, Tor87]. **Mesotron** [Kap40]. **meteorites** [PD62]. **Meteorology** [Tau63c]. **Method** [BCJT16, Pau43, Tau49, BO92, Cra88, Fuk14, GL92, Inf53b, LCH10, NM01, RSK99, SM35]. **Méthodes** [Dir53c].

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[Dir69d, Dir82d, Dir89, Har28, Dir30a, Dir41, Dir64c, Dir70b, MKK05, RS87].
metric [Hei72, HM99b]. **metrics** [IK91, SC92b]. **Metrological** [IC04].
Miami [KPS⁺78, KP83, Sta87]. **microwave** [Han99, YS03]. **Mills**
[LH86, RTV99, Tol98, Lan01, MB90]. **mind** [II08, WD06, Sno73, Bus10].
minds [Pic08, Wa109]. **Minkowski** [GLMR94, KLMW88, Pod97, RK96].
Miramare [Meh73]. **mirror** [HW96]. **Mixed** [Lub75]. **Mode** [DJ95].
Model [GD10, Mon95, Das96, Dir62c, ERW75, Gab13, KM04, OS81, RM95,
WP96, Wot91]. **Modeled** [Csa92]. **Modelers** [Lak96]. **Models**
[Dir74b, Dir81c, Lak96, All03, Len14]. **moderation** [LT04]. **Modern**
[BBBM90, Far03, Gib19, HSD34b, L.88, Bra09, Inf34b, Nor65, Nor90, ZdSS91,
HSD34a]. **moderne** [Ben34, HSD34a, Wil36]. **modification** [IP57].
Modifications [MR82b]. **modified** [Bel85, IP56]. **Molecular**
[DN96, McW73, QGW01]. **Molecules** [FK07, BBSF10, ERW75, EG84].
Möller [Ano67]. **moment** [BK76, BB85, Beh85, Ogu96, Rou84].
momentum [Dat04, DMH85, Nak00]. **monatomic** [Fer26]. **monobromide**
[BBSF10]. **Monografii** [Dir02]. **monograph** [Bus10]. **Monographs**
[Dir02, Sch85]. **monopol** [Dir74f]. **Monopole**
[Ble76, Che77, Fer49, HSZ76, Kol67, MC70, Pic81, RZ80, BB85, BG90, CK78,
Coq85, Cor86, Dir77e, Dir78e, Fre95, Gre77, IU86, Kra81a, LMV91, Lub75,
Lub82, MG87, NdlC08, Oli98, Pos84, TCC97, Vil95, Yan78b, Yan78a, YI90].
Monopoles [For63, Hen83, MKS⁺13, Sch06, CT83, Dir74f, Dir76c, Fre95,
God87, Hoy87, LBNZ98, Ros83]. **Moon** [Dir80g]. **moons** [RA11]. **most**
[EM33a, Haw11]. **motion** [Dir42c, Dir64e, Dir69b, Dir70a, Dir71d, Dir74a].
motions [AW95]. **moving** [Bet83]. **moyennes** [dB32a]. **multicomponent**
[YZ08]. **Multiconfigurational** [VIK98]. **Multiplication**
[Dir43a, Dir42d, PFD43]. **Multiscale** [BCJT16]. **multivectorial** [KRR90].
Must [Ano30, Far03]. **My** [Dir83a, Dir03a, HC87, Dir87a, Kem87]. **Mystery**
[Ano30, FR13]. **Mystic** [Cas10, Dys10, Far09b, RS10]. **mystifying** [Lut07].

N [Hen89, L.88, Ram89, Sch88, Stu88]. **Nach** [Dir60b, Sei36].
näherungsweise [SM35]. **Named** [Ano33, BBC⁺94]. **nanowire** [MZF⁺12].
Nation [Ano33]. **Natural** [McW73, EM33a, LT04]. **Nature**
[Dir63a, Dir87c, Gam68, HN71, Kra19, Wil58, Alp73, Bar02, Dir71b, Dir73a,
Dir74e, Meh73, Zic88, Dys74]. **natürlichsten** [EM33a]. **Naturwissenschaft**
[Smo93]. **nauchnych** [Koz90]. **Nauchnye** [Dir03b, Dir04, Dir05b].
Nauchnykh [Dir02, Dir03b, Dir04, Dir05b]. **nauki** [Inf33]. **Near** [Dat95].
Negative [Ano30]. **neobychajnoj** [Dir90d]. **Neobychajnoï** [Dir90c]. **net**
[Sel94]. **Neuberger** [HJL00]. **Neue** [Ben34]. **Neumann** [F⁺00, Mar65,
Réd05, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, Tjo75, vN96].
Neurons [Kir97]. **neutral** [BB85, Csa81, Ogu96, SV93]. **Neutrino**
[GLR14, Gar84, KM84, PR86, Gar84]. **neutrino-electron** [Gar84].
Neutrinos [Fio06, zXZ06, Ano08, CGKS94, CT12, Fra04, HM99a, CT12].
Neutron [Dir42d, Dir43a, JRF06, LT04, PFD43]. **Newman** [EF77, KM92].

Newton [BP95, KN03, LBNZ98, WW86]. **Niels** [BR64, Dir64g, Dir67d, Kra17, RRR⁺64, Roz67]. **No** [EKI94]. **No-Pair** [EKI94]. **Nobel** [HSD34a, Ano33, Ano34b, Ano65, Bri95a, DS83, Gre05, HSD34b, LW34, Pau45]. **Nobelpreis** [Ano51]. **Nobelpreises** [HSD34a, Wil36]. **Nodes** [Dir26a]. **Non** [Fey48, FSY00, Har28, Dir42a, Dir42d, Dir55c, FZ91, MB90, MB91, Mar88]. **Non-Coulomb** [Har28]. **Non-existence** [FSY00]. **non-Lie** [FZ91]. **non-orthogonal** [Dir55c]. **Non-Relativistic** [Fey48]. **non-Riemannian** [MB90, MB91, Mar88]. **non-scattering** [Dir42a]. **non-uniform** [Dir42d]. **noncompact** [BT90]. **noncovariant** [CY91]. **nondiagonal** [SC92b]. **Nondispersive** [Hil92, SBZ90]. **nonexistence** [Zas89]. **nonextensive** [JT10]. **nonextensive-statistical-mechanics** [JT10]. **nonfactorizable** [HM99b]. **Nonlinear** [Bou08, Ker83, KK10, AKV83, FZ91, PSA94, RU81, SES82, SOS84, Tak79]. **Nonrelativistic** [BCJT16]. **nonstandard** [LW75, Nak97]. **Nonunitary** [yRSBSV99]. **Nordström** [FSY00]. **norm** [Tam03]. **Normal** [DJ95, Tha88]. **Normal-Mode** [DJ95]. **North** [BCEP94]. **Notation** [Ano67, Dir39b]. **Note** [Dir24b, Dir24c, Dir30c, Dir30d, Dir55c, Wal76, Tjo75]. **Notes** [AG13, Pei42, RS10, Bel82]. **nothing** [Wea16, Ryc17]. **novel** [SBZ90]. **November** [Hal78, Lan87a]. **Nowe** [Inf33]. **noyaux** [CCJ⁺34, Sch72]. **Nuclear** [Irv83, Mau76, Mla98, Stu18, Wig96d, AG13, Kae48, RC13]. **Nuclei** [CR12, CCJ⁺34, Sch72]. **nucleosynthesis** [Kha86, KPW86, YS03]. **Nucleus** [FR13]. **null** [KM84]. **number** [DOV02]. **Numbers** [Alp73, Dir74b, Dir75d, Dir78c, Dir79g, Bar02, D'A02, Hes75, PP71]. **Numerical** [Csa92, HJL00, Pic89, Sei99, Tau63b, AME14, AKV83, LCH10, NK93, SM91, SFVW95, SG11, F⁺00]. **Numerology** [Gam68]. **NUT** [CV02, LBNZ98].

O [Ble86, Sch85, Tor87, Bel82, Dir90c, Dir90d]. **Obey** [Kap40]. **Obituary** [Bin00, DP86, Dir40, Dir61b, Dir75e, Pei85]. **Objects** [Gam67d]. **oblate** [DFPP43, PFD43]. **Observables** [Hes75, Cor07, Hes73]. **observational** [Uza03]. **observations** [FA10]. **observed** [Dic59]. **Obtain** [Ano34a]. **October** [CCJ⁺34, DP86, Far01, RCC⁺06]. **octobre** [CCJ⁺34]. **octonions** [Köp06, MB91]. **odd** [Pai90]. **odyssey** [SG11]. **off** [Wig01]. **off-diagonal** [Wig01]. **Oklo** [LT04]. **Old** [Dic59, PB68, Zic88, Zic88]. **Oliver** [Ano30]. **OM** [Dal87b]. **Omega** [Bar02]. **onde** [dB32b]. **One** [Gib19, Kir97, NP96, Wal09, AKV83, Dar90]. **One-dimensional** [NP96, AKV83]. **ongoing** [Das96]. **ontology** [Wri16]. **Open** [Bok04, KL92, VC02]. **Operator** [DJ95, HJL00, Hin77, Neu00, Szm98, Szm99, Ara93, BT90, Cla94, Dir37d, FG87, FSS98, Fei02, HW90, KMW86, KLMW88, Lan01, Mil98, Pen99, Pod97, Tam03, Tha88, Tol98, Tra92, de 89]. **Operators** [GZM05, Tau63a, All03, BILP03, CV02, DEŠ89, FGM⁺96, Hes75, KY01, KM84, KLMW88, Kla90, LR79, LRK80, Olv86, Wil98, WY84, Zor80, de 91, Tau61b]. **Oppenheimer** [Ano34a, Dir71a]. **Optical** [CR12]. **optics** [Bat07].

Orbis [Per80, KPS⁺78, KP83]. **Orbit** [L6w64]. **orbitals** [Tal04]. **Orbiting** [RA11]. **orbits** [Hal87]. **Order** [Mac98, Rho50, VIK98, Hos87, Hos89, Kru94]. **Orders** [CT67b, CT67a]. **organized** [Ruf82, Sal69]. **Origin** [Dir83b, Cor70]. **Original** [Ano34a]. **Origins** [Moy81b]. **orthogonal** [Dir55c, Vil90b]. **orthogonally** [KM84]. **oscillator** [Cra93, DST92, LMV91, MSB92, de 91]. **Osnovy** [Dir32a, Med89]. **Other** [L.88, K.L88, Tau62, Bri95a, Rei72a, Rei72b, Sha87]. **Our** [Bek86, Dir71b]. **Overlap** [Neu00, Tal04]. **Owen** [Ryc17]. **Own** [Bek86]. **Oxford** [RS10].

P [And88, Bel73, Ben34, Dal87b, Dar96, Dav36, Dir37c, Eps35, Ett31, Hal78, Hei30a, Hen89, Hov96, Jär64, Kil76, KMPD85, L.88, LW78, LJ31, Pol58, Ram89, Sch69, Sch85, Sch88, Stu88, Suc67, Tem35, War96, Wil36, Ryc17]. **P**. [Ano85, BP79a, Cha73, Dal95, Dar96, Dir80a, Eli87, Got11, Hei30b, HK93, Jär64, Kri87, MS87, Med90, Meh72, Meh87b, Meh87c, Pau30, Sch94b, Smo84, Wri16]. **P/b** [Sch85]. **packet** [SBZ90]. **Padé** [Rod80]. **pages** [RS10]. **Pair** [EKI94, KM84, EKI94]. **Palais** [Dir48e]. **paper** [Dit15, Pei42]. **Papers** [Ano75, Anoxx, Dir03b, Dir04, Dir05b, HDW75, Sch58, Sch03, vN96, CH16, DPI71, DP97, Dor82, GG76, Haw11, Oak00, Wig96d]. **para** [JM99]. **para-supersymmetry** [JM99]. **Parameter** [Som36, KM84]. **parameters** [DW09, Som36]. **Part** [MR87, Dir43a, Har28, PFD43, Wig96d]. **Particle** [BH83a, BH83b, Dir24c, Dir73h, Ser12, AW17, BB85, Bou01, BG90, Bro77, BH82, CY91, Dir64e, DP03, FA01, IT84, IT88, Kat00, LCH10, Nil82, OS81, Ogu96, Rou84, SMI83, SS98, Son99, dB51]. **Particles** [And88, Ano18, Dir62e, Cor70, Dar90, Dir74a, Dir86, FW87, Fis10a, Fis12a, Kos86, KP83, Mil07, PB68, RS84, Riv94, SV93, Sri83, dB52a]. **particular** [CGKS94, MN97]. **particule** [Bou01]. **particules** [dB51, dB52a]. **partir** [BI34]. **partnership** [BR87]. **Pascual** [Kra15b]. **Passion** [Jon08]. **past** [Pet11]. **Path** [Nak97, Nak00, OS81, PS79, Bel82, FH65, FHS10, IT84, KY93, Len14, Rum86, SS72, SH99, Zas89]. **path-integral** [SS72]. **path-space** [Zas89]. **pathways** [Inf33]. **Paul** [Ble86, Cas10, Dar91, Dir74d, Dys10, Far16, Hen89, L.88, Ram89, RS10, Sch85, Sch88, Sti13, Stu88, Tor87, Wig88, Wig96a, Ano52, Ano83a, Ano83b, Ano10, Anoxx, BvdM83, BVV84, Bok08, Bri95b, BR87, Bro06, Cas85, CH16, CMO00, Cri18, DP86, Dal87a, Deb13, Dir87a, Dys87, Far09a, Far09b, Far16, Fis10b, Fis12b, God98, Hal85, Kem87, Koz90, Kra13, KW87, K.L88, Lan87a, Lan87b, McC04, MB11a, Mot87, Oak00, Pai98, Pai00b, Pei85, Sno73, Tay87b, Wal09, Wig87b, Wig96c, dBDW⁺84, Kib98]. **Pauli** [CV02, Dit15, GH75, Hor11, JW28, Sch99]. **Paulische** [JW28]. **PC** [IKRT91]. **peace** [Kra17]. **pedagogy** [BN13]. **Peierls** [DP97]. **perfect** [IV85]. **perfection** [Dir79m]. **Periodic** [Tau61b, FSY00, NP96]. **Perlman** [Dir64a]. **permeate** [BMP14]. **personal** [Oak00]. **perspective** [Dir75c, Kra06]. **perspectives** [HE82]. **Perturbation** [Kis98, L6w64, Zor80, Dir55c]. **Peter** [L.88]. **Phase** [Lin10, Nil82]. **Phase-integral** [Lin10]. **phenomena** [Dir30c]. **phenomenological** [EAW15]. **Philosophy** [UM86, Dir37c]. **Photo** [Ano83a, Ano83b, DH32a].

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[Hor11]. **Schrödinger**

[Ano51, Ben34, Deh36, Dir61b, Haa34, Hen89, LW34, Lak96, SM35, Szm99,

Wil36, BC78, DL82, Dir64a, DS83, GH75, Haa34, Lam87, LC98, MR10, MR87, Nak97, RA11, SM91, SFVW95, SM35, Szm98, de 89]. **Schrödinger**-[SM35]. **Schrödinger-like** [LC98]. **Schroedinger** [Ano33]. **Schucking** [SH99]. **Schwerkraft** [Jor52, Jor55]. **Schwinger** [AW95, FG87, Sch94a, Wot91]. **Sciama** [Bin00]. **Science** [Dir79c, Dir79b, Far03, F⁺00, GGK02, Gib19, Jon08, Pai00a, Smo93, Suc67, UM86, BR87, Dir37c, Gre05, GM80, Inf33, Inf34b, Pic08]. **Scientiae** [KPS⁺78, KP83, Per80]. **scientiarum** [Buc80]. **Scientific** [Bro91, Dir02, Dir03b, Dir04, Dir05b, Dre90, Har01, Hen91, Rod19, Sch91b, Sch94c, Alp73, BBC⁺94, DP97, Dar92, Dir68e, Dir72e, Haw11, Kra90, Meh72, Meh87b, Wig96d]. **Scientists** [Ano30, Bri95a, Str11]. **scoops** [Ano13]. **Scope** [Bus10, Tiw12]. **Sea** [Kol67, BSW98, Fin00, Wri16]. **Search** [Kol67, Sch06, WFC⁺99, CH16]. **Searching** [Esp12]. **secolo** [Wei77]. **Second** [Ruf82, VIK98, Bor49, CM86, Hos87, Hos89, Bor49, Dir49c, Stu18]. **Second-Order** [VIK98, Hos87, Hos89]. **seconde** [Dir49c]. **secrets** [Bar02, HW06]. **Secular** [Noe73]. **Sediment** [Kol67]. **Seems** [GLR14]. **seen** [Roz67]. **Seiberg** [Fre95]. **Selected** [DP97, Sch58, Sch03, Réd05]. **selection** [Rec97]. **Self** [BSW88, EG84, Ish90, MHN98, Roh60, Dir42c, KY01, LR79, YL09, Zor80]. **self-adjoint** [Zor80]. **self-adjointness** [KY01, LR79]. **Self-Consistent** [Ish90, EG84, MHN98, YL09]. **Self-Consistently** [BSW88]. **Self-Energy** [Roh60]. **self-fractionating** [Dir42c]. **selfadjointness** [LRK80]. **seltsamste** [Far16]. **Semi** [EM33a, EM33b]. **Semi-Vektoren** [EM33a, EM33b]. **Semiclassical** [SM03, NP96]. **semiconductor** [MZF⁺12]. **semilinear** [EV97]. **Semivectors** [EM33b, EM33a]. **sense** [Dir81a]. **Sensitivity** [FK07, BBSF10]. **Separability** [IV85]. **Separable** [Rüd84]. **separates** [IV87, Jin91]. **Separation** [IK91, KM84, PT86, VP90, Vil90b, VC02, Dir41, KMW86, SV89b, SC91, SC92b, SC92a, Löw64]. **Sept** [Dys74, Ano05, Kle05]. **September** [DHS78, Meh73, Pet11]. **septième** [CCJ⁺34]. **Series** [KM92, Bel91, Moh07]. **Session** [Dir80c, ZDF⁺84]. **Set** [Ano34a, QGW01, KL92]. **Sets** [Dat95, QGW01, Sch06, Tau61a, KLMW88]. **setting** [Kru94]. **seven** [Kle05]. **seven-times** [Kle05]. **Seventh** [CCJ⁺34, Far01]. **seventieth** [Cha73]. **seventy** [Esp08]. **Several** [Smo87]. **Shankland** [Pei36]. **Shape** [Dir43a, GPS86, FA01, PFD43]. **Shaped** [Gib19]. **Share** [Ano33]. **Sharp** [CG07]. **shearfree** [KM84]. **shell** [Csa81, Dir42d, DEŠ89, DEŠ92]. **Shift** [de 91, Inf63]. **shine** [Kra17]. **Shook** [Gam85, Gam66a, Gam66b, Gam72, Haw11]. **Short** [Ano33, BC78, Deb13]. **Short-Story** [Ano33]. **Sicily** [Zic88]. **side** [Dal87a]. **Signatures** [MZF⁺12]. **Significance** [Dic64]. **Silent** [Dys10]. **silicon** [BBSF10]. **Similarity** [SES82, Wil98]. **simmetrica** [Maj37]. **simple** [Rum86]. **Sinc** [AT07]. **Sinc-based** [AT07]. **since** [CT83, Meh75]. **singular** [All04, Ara93]. **singularities** [BK10, Dir31b]. **Sir** [Ano30]. **sistemi** [Fer24]. **Sitter** [Dir35a, Dir63b, vN40]. **situation** [Dir59f]. **six** [Ten68]. **six-dimensional** [Ten68]. **Sixty** [FR13]. **size** [Dir62e, Kha86, KPW86]. **sketch** [Dal87b].

Skew [GZM05]. **Skew-Symmetric** [GZM05]. **Skymion** [MKS⁺13]. **Slater** [ERW75, EG84, Kos86, Tal04]. **Small** [Bou08]. **smallest** [Fis10a, Fis12a]. **so-called** [Gol05]. **Sobranie** [Dir02, Dir03b, Dir04, Dir05b]. **Society** [GGK02, Gib19, Dor82]. **Sociology** [UM86]. **Soft** [dG97]. **Solid** [Dir43a, PFD43]. **Solitary** [KK10]. **Soliton** [Tak79, YL09]. **Solitons** [GPS86, RS84]. **Solution** [BK76, GG51, LR59, SMI83, Sri89, TCC97, AME14, Ata89, BC78, BN72, Das93, FA01, Lin10, SM91, SFVW95, SM35, Tu91, Vil90a, VP90, Vil90b, Vil95, VC02, Won90, dB52b]. **Solutions** [BSW88, DMH85, GB13, IS10b, MR51, Sta67, BM98, CGKS94, DK89, Das93, EF77, FM75, FSY00, Hau72, Hil92, HM99b, HM99a, IS10a, IV87, Jin91, KM92, KL90, KL92, KBN83, PR86, Por95, Rad96, RA11, RTV99, SBZ90, SV89a, SV93, SES82, Tak79, Wil91]. **Solvay** [CCJ⁺34, Far01, Meh75, CCJ⁺34]. **Solving** [Ano30, SG11, Tau49, TKS19]. **Some** [Ano55, Dir73g, Eli87, ES10, Jor71, KBN83, L.88, K.L88, Pai90, PR86, Phi87, ROB64, RS87, WBD70, Jär64, dB33, vN28]. **Sommerfeld** [Lak96, DuM28, MR82d, MR82e]. **Sort** [Ser12]. **sostoyanie** [Dir59f]. **source** [ABR06]. **Sources** [KHFA67, vdW67, vdW68, vdW07, YL09]. **sous** [CCJ⁺34]. **Soviet** [Fre87]. **Sovremennoe** [Dir59f]. **sozdaniyu** [Dir90b]. **Space** [Ble86, Fey48, RK96, Sch85, Tor87, vN40, BO92, BMS02b, BVV84, Das93, Dat04, Dir35a, Dir36c, Dir59a, Dir70c, Dir73e, Dir74e, Dir74g, DFW99, EF77, GLMR94, Hei72, IT88, IKRT89b, IV85, IV87, JM99, Jin91, Jor52, Jor55, KM92, KM84, KLMW88, Kis98, KL92, Lég95, LBNZ98, MB90, Nak97, Nak00, Nas86, Nil82, PT86, Pru73, Ran87, Ric03, Rüd84, Sri89, Vil90a, VP90, Zas89, Zec96, dBDW⁺84]. **spaces** [BILP03, FA01, KL90, OP95, Pod97]. **spacetimes** [Vul03]. **Spaltung** [EM33a]. **Spanish** [Bun52, Dir54a, Dir67b, Dir68c, Dir69e, SHD91]. **spatially** [Das93, IS10b]. **spatially-dependent** [IS10b]. **Special** [Tau49, ZDF⁺84, Das96, Hor11]. **specified** [Nas97]. **Spectra** [MWF07, Sla29, SCPA04, LBNZ98, Pau25]. **Spectral** [Beh85, BK10, Leo80]. **Spectroscopic** [Ano67]. **spectroscopy** [SMI83]. **Spectrum** [Mil98, Gin09, MD88, Ogu96]. **speech** [Dir71a]. **speeches** [Ano65]. **speed** [IKRT89b, Kra06, Pei35, Tak31]. **Spektren** [Pau25]. **sphere** [Dir42b, Dir42d]. **spheres** [Cla94]. **spherically** [DEŠ89, DEŠ92, PT86]. **spheroid** [DFPP43, PFD43]. **Spin** [Löv64, vN28, Dar90, Dir75c, FA01, IS10b, Ogu96, Pen97, Seb19, dB51, dB52a]. **spin-** [FA01, dB51, dB52a]. **spin-one** [Dar90]. **Spin-Orbit** [Löv64]. **spinning** [AW17, Riv94]. **Spinor** [EM33a, LU31, Dir62d, Eeg80, Hal87, Nas97, RL68, Wig01]. **Spinor-Gleichungen** [EM33a]. **spinorial** [NM84]. **Spinors** [Dir70c, Dir74g, RK96, Tra92, Lég95, NM84, Nas86, RR93]. **spins** [Kat00]. **Spirit** [Gib19]. **Splitting** [EM33a]. **St** [Dir37c, Dir90d, Jef87]. **Stability** [Bou08, Roh60]. **staircase** [Fis10a, Fis12a]. **standard** [Gab13]. **Standing** [Bou08, KD33]. **Stars** [JRF06, Kra17]. **State** [BB03, CH16, CMO00, Dir83c, Hal78, Lan87b, Oak00, Cor70, Hei72, IS10a].

Statement [Dir33c]. **States** [GPS86, BB85, RU81, ZQ90]. **Stat'i**
 [Dir03b, Dir04, Dir05b]. **static** [KL92]. **statistical**
 [Dir25c, Dir29a, Dir41, JT10]. **Statistics** [Kap40, Bel82, Bel94, Pei72].
statistike [Bel82]. **status** [Uza03]. **stellar** [Dir25d, Kra17]. **Stellung**
 [Dir53a]. **Step** [Nov74, Wal76]. **Steven** [And88]. **still** [Kae48]. **Stockholm**
 [HSD34a, Wil36, WD06]. **Stoner** [Fuk14]. **Storia** [Wei77]. **Story**
 [Ano33, Bel73, Gam85, Jon08, Gam66a, Gam66b, Gam72]. **Stoßvorgänge**
 [Dir27e]. **Strange** [Ryc17, Wea16]. **Strangest**
 [Cas10, Dys10, Far09b, RS10, Sti13, Far16]. **streams** [Dir77b]. **stress**
 [Dir55e]. **string** [Che77]. **strongly** [Ara93]. **Structure** [BS67, Bek86,
 CCJ+34, FK07, MS68, MWF07, SCPA04, WFC+99, AG03, BBSF10, Car01,
 CKYY07, Csa81, Han99, Jär64, MG87, Pau25, PSA94, YZ08, dG80, CCJ+34].
Structures [GZM05]. **Struggle** [Wüt11a]. **Struktur** [Jär64]. **student**
 [Bus10, Phi87]. **Studies**
 [Ble86, KPS+78, KP83, Löw64, Sch85, Tor87, UM86, BVV84, dBDW+84].
Study [Ano34b, DN96, Löw64, Pas12, AKV83, Fis10a, Fis12a, Kra81a, LR79,
 LRK80, RSK99]. **stuff** [Haw11]. **Sturmian** [Hos87]. **subelectron** [Dir77c].
subgroups [Dir72a, Lég95]. **submanifolds** [Bet83]. **Subnuclear** [Zic88].
sulla [Fer24]. **Summary** [Str71, Ano30]. **summa** [Bel91]. **super** [Nil82].
superalgebra [KR92]. **superalgebras** [HW90, Pen99]. **Superconducting**
 [FK08]. **superconductor** [MZF+12]. **superluminal** [Sri83]. **supernova**
 [FA10]. **Superstring** [WW86]. **Supersymmetric**
 [Tiw12, DST92, Fei02, OS81]. **Supersymmetry** [DJ95, JM99]. **supervisor**
 [Sha87]. **support** [Car01]. **Surface** [FK08]. **surfaces** [DP03]. **surrounded**
 [Dir42d]. **SWU** [Ber09]. **Symbolic** [D'A02, Wat91]. **Symmetric**
 [BSW88, FK70, GZM05, DEŠ89, DEŠ92, PT86]. **symmetrical**
 [Dar90, MD88, Maj37]. **Symmetries** [GM80, Ker83, LMV91, SES81,
 ZDF+84, BB85, Dir73c, Dir73d, KMW86, Pei92]. **Symmetry**
 [Dir55f, Ant69a, Ant69b, BR97, FA01, IS10b, IV85, IV87, IK91, Jin91, KM84,
 Lee95, Vil90b, Ant69b]. **Symplectic** [BNB94, Reu99]. **Symposium**
 [Meh73, Sal69, Wat91, BB03, Dys74, HE82, LW78, Sno73, Wig96b].
synthesis [SBZ90]. **System**
 [BF12, KM12, All04, HJKS91, IKRT89b, KY93, LCH10, MD88, SM03].
Systematic [SBB+62]. **Systems** [GZM05, AT07, Dir29b, Dir48c, Fer24,
 GB90, Oev88, PSA94, Rüd84, RTV99, Sei99, TM85, YG77].

T [Bus10, CK78, Dir02, Dir03b, Dir04, Dir05b]. **T.** [Dir52a]. **tale** [BMS02a].
talk [Bri95a]. **Tallahassee** [BB03, Hal78, LW78, Wig87a]. **Taub** [CV02].
Taylor [L.88, Stu88, Dar91]. **team** [Car01]. **techniques** [RL68]. **Teilchen**
 [Fis10a, Fis12a]. **temperature** [Dir24a, PD62]. **Ten** [Jon08]. **tensor**
 [Bet83, Dar90, DMH85, Dir55e, IS10a, Lan05b, RM96, SS98, WY84]. **tenu**
 [CCJ+34]. **Teoria** [Maj37, Bun52]. **teorii** [Dir59f, Dir90b, Med89]. **Teoriya**
 [Dir34b, Dir02, Dir03b, Dir04]. **Term** [Sch91a, FG87, KY01, Wot91]. **Terms**
 [Löw64, AW95, ABR06, Cor70, Mal75c, MHN98]. **Test**

[BF12, Dir79l, KM12, Rob83, Wil93b, Dir80b]. **Tests**
 [Rob85, Ano08, MBS02]. **tetrad** [Can98, Nas97, RM95]. **tetrads** [UB83].
Tevatron [Sch06]. **textbook** [Tiw12]. **textbooks** [BN13]. **Thales** [Lak96].
théorie [Dir48e]. **Their**
 [Sch06, Cor70, Dir73b, Dir78a, Dir86, Dys72, LC98, Oak00, Som36, Uza03].
them [Pic08]. **Theorem** [RRS06, DP03, Kla90, Sem93, Bar81]. **theorems**
 [Cra85]. **theoretic** [WY84]. **Theoretical**
 [Dic64, KPS⁺78, KP83, L.88, Meh73, Ruf82, Sal69, Dir69d, Dir70b, Dir82d,
 Dir89, EAW15, Jor52, Jor55, Lan30, Lan05a, Meh72, Meh87b, Uza03].
theoretischen [Jor52, Jor55]. **Theorie**
 [Hei34b, Hei34a, HE35, Lan30, Neu33, vN28, Dir34c, Bor49, Bou01, Dav98,
 Dir39a, PS32a, PS32b, dB32a, dB33, dB34, dB51, dB52b, dB52a, Som36].
Theorien [Deh36, Haa34]. **Theories** [BSW88, KPW75, Mar84, McA90,
 WW86, BM98, GH75, Haa34, Sal87a, Sal87b, Szm98, Szm99, LT62]. **Theory**
 [Ano30, Ano34a, BD61, Bro05, Dir27d, Dir30i, Dir30j, DH32b, Dir34d, Dir43a,
 Dir55d, Dir65b, Dir75g, Dir75a, Dir76c, Dir79d, Dir82f, Dir83b, Dir83c,
 Dir91b, Dir96, DPP97, Dir02, Dir03b, Dir04, DuM28, Dun12, Dys07b, EKI94,
 FBD05, Gam85, HSD34a, HE06, HL38, Hov96, Inf34a, Inf53a, Kil76, Kim80a,
 Kim80b, Kra81b, Löw64, Mar65, Neu33, Plo15, Sch91a, Sla29, Tau61a,
 Tau61b, Tau63b, Wey31b, Wey50, Wie29, vN28, AW17, BNB94, Bor49,
 Bor52, Bou85, Bou01, Bun52, BV85, Caw69, Che77, Col12, Dav98, Dir26c,
 Dir27c, Dir28f, Dir28d, Dir28e, Dir28b, Dir28c, Dir34a, Dir38a, Dir41, DPP42,
 Dir48c, Dir48d, Dir48b, Dir49a, Dir50a, Dir51c, Dir52d, Dir54c, Dir55b,
 Dir58d, Dir59d, Dir59f, Dir62a, Dir64d, Dir66b, Dir71a, Dir73g, Dir78d,
 Dir78f, Dir79f, Dir80h, Dir84c, Dir84d, Dir84e, Dir87d, Dir79m]. **theory**
 [DSP03, Edd46, GB90, Gam33, Gam66a, Gam66b, Gam72, Gol05, GNH78,
 Hei34b, Hei34a, HE35, Hes73, Hes75, Inf63, IU86, Jos72, Kam86, Kis98,
 Kru94, KP83, Kur87a, Lan30, Lan05a, LW78, Lip87, Lou83, Maj37, MHN98,
 MS87, Med89, MR82d, MR82e, Oev88, Olv86, Pai72, PS32a, PS32b, Pei34,
 Pei35, RM96, SW72, SS11, Som36, Tha88, Tra92, Zic84, dB32a, dB33, dB34,
 dB52b, dB52a, Dir34c, Dir34b, Dir39a, Dir79g, Dir80e, Har28, Sch69, Suc67,
 Tau63c, dB51, Bel73]. **There** [Ano30, Dir51b, Dir52a, Dir52b, Fra04].
thermodynamic [BSW98]. **Thermodynamics** [Bor49].
thermodynamique [Bor49]. **Thesis** [Bro05, FBD05]. **Things** [MB11a].
Thinking [Ano00, Dir87a]. **third** [Zic88]. **Thirties** [Hen84, Kra82]. **Thirty**
 [Gam66a, Gam66b, Gam72, Gam85]. **Thomas**
 [MR51, Csa81, Csa92, Dir30c, GG51, MHN98, Rij66, Tu91, YG77]. **Thomson**
 [Lak96, Fal97]. **Thought** [Dir79a, Pai90]. **Thoughts** [Dir05b]. **Three**
 [Ano33, HSD34b, Kam86, Wig01, BSW98, BV85, FA01, IU86].
Three-dimensional [Kam86, BV85, FA01, IU86]. **three-wave** [BSW98].
tidy [Mil97]. **tighter** [Rob85]. **Time**
 [AG03, BS67, BCJT16, Bek86, Ble86, CKYY07, CP68, DNRV03, Dir79l,
 Dys67, FK07, Gam67a, GT85a, GT85b, GT86, IRV⁺08, JRF06, Kha86,
 KPW86, Mar84, MWF07, SBK⁺08, Sch85, SV90, SV95, SCPA04, Tor87,

WB78, WFC⁺99, Wil58, WBR76, WW86, AME14, Alp73, BO92, BMS02b, BVV84, BBSF10, Car01, Das93, DSW08, Dir53b, Dir73b, Dir73e, Dir74e, Dir78a, Dir80b, Dys72, DFW99, FA10, Fey48, FSY00, Han99, IT88, JM99, Jin91, KM92, KLMW88, LT04, LMSV08, Lev80, Mal75a, Mal75b, Nas86, Nil03a, RSK99, Sri89, Wig72b, YS03, Zas89, Zec96, dBDW⁺84].

time-dependent [AME14, RSK99]. **time-energy** [Wig72b]. **time-periodic** [FSY00]. **time-variation** [Nil03a]. **Times** [Ano30, ES10, IV85, IV87, KM84, Kle05, PT86, Rüd84, VP90]. **Todorov** [CY91]. **Together** [MB11a]. **told** [BR64, RRK⁺64]. **Tomonaga** [Sch94a].

tool [TKS19]. **Topics** [Tau62]. **Topological** [FK08]. **Topology** [AFG75].

torsion [UB83, Vul03]. **trace** [Eeg80, IKRT91]. **Traces** [IKRT89a, PKKL09].

Tragedy [Jon08]. **Transform** [YYH⁺01, Leo80]. **transformation** [CV90, Dir53b, NM84]. **transformations** [BC69, Dir45a, Dir50c, Dir52c, Eeg80, FG87, GB90, Kim80a, Kim80b, Pon05].

Transformed [Dat04]. **Transforming** [AT99]. **Transforms** [LR59].

transitions [Rob85]. **transitive** [KM84]. **Translations** [Ano75, HDW75].

Travelling [Rod19]. **Travels** [Van72]. **treasury** [FF91]. **Treatment** [HJL00, WY84]. **trends** [LW78, Dor82]. **trial** [RS87]. **Triologue** [DOV02].

Tributes [K.L88, Stu88, Tay87b, Dar91, L.88]. **Trieste** [Dys74, Meh73, Ruf82, Sal69, BDH70]. **trio** [Ano13]. **trip** [WD06]. **triumph** [Gab13]. **Trudov** [Dir02, Dir03b, Dir04, Dir05b, Koz90]. **truly** [Alp73].

Tuning [Sta12]. **twentieth** [CM86, Wei77]. **twentieth-century** [CM86].

twenty [Zic88]. **twenty-third** [Zic88]. **twistorial** [Car94]. **Two** [LC98, Moh07, SCSB93, BMS02a, CV90, CY91, FA01, GL92, IT88, KM84, Kis98, MHN98, RSK99, Sem93, Ano34a]. **Two-body** [LC98, SCSB93, CV90, GL92, Sem93]. **two-dimensional** [FA01, IT88, Kis98, RSK99]. **two-parameter** [KM84]. **Tying** [MB11a].

Type [RRS06, Ser12, EM33a, FA10, Hos89, MD88, MB90, MS95]. **Typus** [EM33a].

U [Ryc17, Haa34, Wil36, Ber09, Dir42b]. **U-sphere** [Dir42b]. **UF** [DN96].

unbounded [Kae48]. **uncertainty** [Wig72b]. **undergraduates** [Tiw12].

Underlie [RK96]. **understanding** [Dir71b]. **unificaciön** [SHD91].

Unification [Ell91, RM95, SDEW90, DNRV03, SHD91]. **Unified** [GG02, Mar65, Sch91a, Kur87a, Tjo75]. **Uniform** [Dir43a, RRS06, Dir42d, PFD43]. **Uniformly** [BCJT16]. **Unifying** [DSW08].

Unit [Nov74, Wal76, Sch38]. **Unit-Step** [Nov74, Wal76]. **unitaire** [PS32a, PS32b]. **Unitary** [Dir45c, FG87, Wig39, PS32a, PS32b, Wig89].

Units [McW73, SH59]. **Universe** [Bus10, RS10, Bar02, Car01, Dir81c, HW06, II08, LMSV08, Nor65, Nor90, VC02, Sch41, Sri83]. **Università** [RCC⁺06]. **University** [Ble86, Dre90, F⁺00, Hal78, Hen89, Hen91, KPS⁺78, KP83, RS10, Sch85, Suc67, War96, BB03, CH16, CMO00, KN03, Lan87b, Oak00, Sta87].

unknown [Dir84e, ES10, PKKL09]. **Unorthodoxy** [DL82]. **Unravelling**

[FR13]. **Unwinding** [MKS⁺13]. **Upper** [Sch06]. **USA** [BB03]. **Use** [Sta12, Dir55c, Dir71d, Inf53b]. **used** [Dir69b, Dir70a]. **Using** [AT99, Cra88, Csa92, QGW01, Bel91, CPV10, JT10, MB90, MB91, Mar88, RS87, Sei99, Vul03, Wot91].

V [Bus10, L.88, BDH70, Tau63b]. **vacuum** [Dir57b, Dir58a, Pei34, Pei35, Wri16, YS03, Dir59b]. **Vaidya** [CGKS94]. **Vakuum** [Dir59b, Dir57a, Pei35]. **valeurs** [dB32a]. **Value** [JP73, YS03]. **Values** [SBK⁺08, Cor70, dB32a]. **vanishing** [DMH85]. **Variability** [Dir72f, Gam67d, Sch91a, CGK72, Cho81, IC04]. **Variable** [Rob83, KY01, Sch99, SC91]. **Variables** [AT99, Dir33a, Dir37a, IK91, KMW86, KM84, SV89b, SC92b, SC92a, VP90, Vil90b, VC02]. **Variation** [CP68, Dir75f, Dir82f, Dys67, Dys78a, Dys78b, FK07, IRV⁺08, JRF06, Mar84, MWF07, Noe73, SBK⁺08, SV95, SCPA04, WFC⁺99, WBR76, WW86, AG03, BBSF10, CKYY07, Dir78c, Dir80g, Dys72, DFW99, FA10, GT85a, GT85b, GT86, Han99, Kha86, KPW86, LT04, LMSV08, Mal75a, Mal75b, Nil03a, Peg77, SV90, Uza03, YS03]. **Variations** [BMS02b, DSW08, DNRV03, Hal78]. **Various** [DH32b]. **Vary** [BS67, Dir75b, Alp73]. **Varying** [BM98, KM04, Kra15b, Kra16, Kra19, Mag15, BMS02a, Dir78b, Kra06, MBS02, Goe16]. **Varying-** [BM98]. **Vechernie** [BDH70]. **vector** [SV89b, SV89a]. **vectors** [Nas86]. **Vedral** [RS10]. **Veka** [Med90, Koz90]. **Vektoren** [EM33a, EM33b]. **velocity** [Dic59, Rob85]. **venner** [BR64, RRK⁺64]. **verb** [Haa34]. **verborgene** [Far16]. **Verfahren** [SM35]. **Verlag** [Ben34, Wil36]. **Verlagsgesellschaft** [Deh36]. **verm** [Haa34]. **versatility** [Dir64g, Dir67d]. **Version** [CO03]. **versus** [Ano00]. **VI** [Tau63c]. **via** [LW75, PSA94]. **Vienna** [MR87]. **View** [Dir87c, Kri87, Mil07]. **Vigier** [Ble86, Sch85, Tor87]. **Vignette** [Ano94]. **Vii** [Sch85, QGW01]. **VIII** [Löv64]. **Vindications** [Moy81c]. **Virial** [Sem93]. **virke** [BR64, RRK⁺64]. **Visa** [Ano54, Ano55]. **visit** [DHS78]. **Vlatko** [RS10]. **vodka** [Mag15]. **Void** [Wea16, Ryc17]. **Vol** [Dir02, Dir04, Dir05b, Wig96d]. **volume** [Rei72a, Rei72b, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, UM86]. **vom** [EM33a]. **Voreingenommenheit** [Dir77a]. **Vortrag** [Dir60b]. **Vorträge** [Wil36, HSD34a]. **Vospominanija** [Dir90d]. **Vospominaniya** [Dir90c, Dir05b]. **vs** [Ano08].

W [Ben34, Wil36]. **walk** [RR93]. **Walker** [KL90, KL92, VP90, Zec96]. **Wars** [Stu18]. **Was** [Wil93b, Lan87a]. **watershed** [RC13]. **Wave** [Dir36c, Dir71f, Dir72c, Dir77h, Dir79h, Dir79i, Dir79j, Eva04, Har28, Sei36, ZQ90, AD87, BSW98, BN72, Bel91, BI34, Bro77, Col12, DK89, Dir27a, Dir35a, Dir36b, Dir55c, Dir59a, Dir71e, Dir77g, Dir77i, Dir79k, Lan30, Lan05a, MR87, SM91, SFVW95, SBZ90, SS98, dB32b, dB52b]. **wave-mechanical** [Lan30]. **wave-particle** [Bro77]. **Wavelet** [YYH⁺01]. **Waves** [Bou08, KK10, Dir60b, Dir60a, Dir87b, Haa34, KD33, Kim80a, Kim80b, Mur71]. **way** [Pai87, Pei87b]. **weak** [Web87]. **Weatherall** [Ryc17].

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x [Dre90, Hen89, RS10, Sei36]. **X-Ray** [Sei36]. **Xe** [EKI94]. **XLIX** [Sto94]. **xviii** [Hen89]. **XX** [Koz90, Med90, Wei77]. **xxiv** [War96].

Yale [Ryc17]. **Yang** [RTV99, Tol98, Lan01, LH86, MB90]. **Yano** [BCK97]. **Year** [FR13, RC13, KMPD85]. **Years** [Dir82c, Gam85, Mla98, Esp08, Gam66a, Gam66b, Gam72, GMW80, Kae48, Rec97, Rob15, RZ80]. **Yeshiva** [Suc67]. **York** [Dre90, Suc67]. **Yukawa** [Tol98].

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