

A Selected Bibliography of Publications by, and about, Hans Bethe

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11 December 2019
Version 1.140

Title word cross-reference

+ [AS70]. 0 [AS70]. **\$1** [Duf46]. 1 [AS70]. 1/2 [Gün64, PcPZ90]. **\$12.95**
[Edg91]. $15M_{\text{sun}}$ [Bar88]. **\$19.50** [Gol68]. **\$24.95** [Fra01]. **\$32.50** [Edg91].
\$35.00 [Hod13, Hub14, Wal15a, Wal15b]. **\$39.50** [Edg91]. **\$5.00** [Sch68].
\$50.00 [Wal15a, Wal15b]. **\$75.00** [Wal15a, Wal15b]. **\$8.95** [Edg91]. **\$87.00**
[Wal15a, Wal15b]. **\$9.50** [Bet54b]. ¹² [HB40]. ¹⁵ [HB40]. ²⁷ [BH39]. ⁷
[Bet38c]. ^o [Bet42a]. _{1-x} [BB76]. ₂ [BS37, SBR⁺86]. ₃ [BB76, BS37]. ₄
[BS37]. _x [BB76]. A_{n-1} [HSY04]. α [Bet38c, HB40]. $\alpha\beta\gamma$ [AWCT09, Tur08]. δ
[YLG02]. $\Delta = -1/2$ [dGBNM02]. $E_{\tau,\eta}(A_2^{(2)})$ [MN07]. f [FBE⁺34]. **\$h**
[Bet81e]. J [AAHS99]. $J = 0$ [FT75]. K^- [Bet70b]. λ_l [CWL⁺04]. **osp(1|2)**
[KM01]. N [CWL⁺04, WG68, BA52]. $O(4)$ [AS70]. $O(5)$ [BB70, BB71]. p
[BA52]. $P_\mu = 0$ [Flo76]. π [Bet55d, CB60]. π^+ [BA52]. r
[App88, CFR82, Skr07, Skr09]. s [Ong86, Ong88]. $SL(N)$ [Sco94]. $SO(5)$
[Flo76]. $SU(4)$ [YLG02]. $SU(n)$ [LYS01]. t [AAHS99]. \times [Sch67b, Sch67a].
 XXZ [LFK99]. Z [HB51a, Por03].

-decay [FBE⁺34]. **-Dependence** [HB51a]. **-field** [CFR82]. **-function** [YLGCO2]. **-matrices** [Skr07, Skr09]. **-meson** [Bet55d]. **-Nucleon** [CB60]. **-Particle** [Bet38c]. **-process** [App88]. **-wave** [Ong86, Ong88].

0 [Bet91b]. **0-465-03678-3** [Bet91b]. **0-8047-1713-3** [Edg91]. **0-8047-1714-1** [Edg91]. **0-8047-1721-4** [Edg91]. **0-8047-1722-2** [Edg91]. **0-85964-226-7** [Hen94]. **'09** [ACM09].

1 [Hod13, Hub14]. **1-55655-217-3** [Hen94]. **100th** [KRW05]. **11** [HD72]. **11th** [AP77]. **12th** [AP77]. **1655-40** [BLLB00a, BLLB00b]. **1930/41** [Fer68, Fer71]. **1930s** [Stu79]. **1933** [CCJ⁺34]. **1937** [Ano37, For87]. **1950** [Ano50]. **1955** [Bet55c]. **1956** [Bet56b, Bet56c, Bet94a]. **1959** [Wal15a, Wal15b]. **1960s** [Mla98]. **1966** [Bec67, MB66, Gol68]. **1967** [Bet67d, Bet67b, Bet97b, RB67a]. **1969** [WH72]. **1972** [CC73]. **1980s** [BBG85b]. **1981** [RS82]. **1983** [BS83]. **1985** [BH88, CJK92]. **1986** [KS87]. **1987** [Blu87, DS88]. **1987A** [BP90, Bet93h]. **1993** [Bet93e, Bet94b]. **1999** [Bet99a, GSS⁺03].

2005 [BL09, Dre07, Gib05, LB07]. **2009** [ACM09]. **20th** [APB96, ABP98]. **22** [CCJ⁺34]. **25.95** [Nav14]. **2nd** [Bet54b].

3 [Bet91b].

4 [Bet70c]. **40th** [MKR87].

5-Year [BG82b]. **51** [RB37a].

6 [Tho99]. **6.7-Minute** [BH39]. **60th** [Gol68, MB66].

70th [HBD71]. **76** [FBB14].

80 [Sch67b, Sch67a]. **80th** [DS88].

90th [Hof96]. **978** [Hod13, Hub14]. **978-0-226-61063-4** [Wal15a, Wal15b]. **978-0-230-35487-6** [Wal15a, Wal15b]. **978-0-674-06587-1** [Nav14, Wal15a, Wal15b, Hod13]. **978-0674-06587-1** [Hub14]. **978-981-4307-81-9** [Wal15a, Wal15b]. **981** [Tho99]. **981-02-2692-6** [Tho99]. **981-02-2876-7** [Tho99].

= [Uns00, Wei95].

A. [Sch67a]. **AAPT** [BSF93]. **Abbildungen** [HH14, Sch67b, Sch67a]. **Aberdeen** [Bet98a]. **ablation** [BA59]. **ABM** [Bet69a, Bet84b, Bet84a, CWB⁺69]. **Abnormal** [BB71, BB70]. **Absence**

[RB39]. **absolute** [CSB⁺31]. **Absorption** [BS37, KMB57, LB62, WLB36, BBD⁺95]. **Absorptive** [NR66]. **Academy** [WH72]. **Accelerator** [JLBF66, SSB⁺98]. **Accelerators** [Bet97a]. **acceptance** [Bet93e]. **Accident** [SB86, SBR⁺86]. **Accidental** [BB69]. **Accretion** [BLB00]. **accuse** [AA54]. **ACM** [ACM09, Blu87]. **Acoustic** [Gur01]. **acoustics** [Gur01]. **Addenda** [IIT78]. **Address** [Bet77b]. **Administration** [ABB⁺80]. **Administrators** [STS⁺49]. **Advanced** [RS82]. **Advection** [BLB00]. **Advisers** [BB86]. **Advisors** [Edg91, Yor89]. **Advisory** [GBG⁺86]. **AEC** [Bet63b]. **AEI** [Bet75a]. **Affairs** [BBG⁺85a, GR63]. **affine** [AAHS99]. **Affinity** [Bet29a]. **Affirm** [ACU⁺54, BC00]. **Again** [Rai85]. **Against** [Bet84b]. **Age** [GR63, Stu18, Ano05b, Bra05, Bet62a, Dow83]. **Ages** [Jea24]. **ago** [Geh78]. **Air** [Bet42a, Bet46b, Bet50a, Bet65c, KMB57]. **Alamogordo** [LW71]. **Alamos** [MKR87, Bet91j, Bet93k, Bet93i, Inc92, vB92]. **Alan** [Eks94]. **Albrecht** [BL09, Gib05, Hod81, LB07]. **algebra** [FV86, LFK99]. **Algebraic** [AMS11, Kyr72, LC71, MN07, Jur89, Liu72, RM06, Skr07, Skr09, ZLGM03]. **Algorithm** [Yui01, WW88]. **Algorithms** [PR97]. **Alliance** [She75]. **Alloys** [Bet38f]. **Alpha** [Bet50a, Bet49c, Rig07, Rig06]. **alpha-Centaury** [Rig07, Rig06]. **Alpha-Particles** [Bet50a, Bet49c]. **Alpher** [AH73, Mar08, Rig06, Rig07]. **Alternative** [BAA⁺75, Gir75]. **Always** [Bet67e]. **Amateur** [Har01]. **amazing** [Tur08]. **America** [Hen94]. **American** [Bet55c, Bet75e, Bet93e, WH72, BBM78, Bet63a, Bet82e, Bet99a, Bof76, CHW91, EBU⁺52, LBC⁺75, Ros93]. **Americans** [ABB⁺80]. **Among** [Bet95b, Van32, Pan05]. **Amplitude** [ROB63]. **Amplitudes** [SL64]. **Amsterdam** [Bet56b, Bet56c]. **Analog** [BS68]. **Analysis** [BdH54a, BdH54b, dHMAB54, Bet55b, Fle73]. **Analytic** [Bet93h]. **analytical** [BN68a]. **Analyzed** [Gou47]. **Andrew** [Dow83, Bet98b]. **Angle** [BR52]. **Angular** [BA52, Gün64]. **Anisotropy** [Van32]. **Anja** [Wal15a, Wal15b]. **Annihilation** [Bet35e, BH56]. **Anniversary** [MKR87]. **Annotation** [FBB14]. **Announced** [Bet63d]. **Annual** [Bet63b]. **Anomalous** [Ben38, BBD⁺95]. **ansatz** [AFF01, AMS11, BK93, DL83, FCC09, Gar02, HSY04, Jur89, KW03, KZJ02, LYS01, LFK99, MIT06, MN07, Ray97, Sco94, Skr07, Skr09, YLGC02, ZLGM03, AAHS99, CH02, KMGT97, KHM98, RS05, Sut03]. **Anti** [BH56, Bet69b, GB68, WA94]. **Anti-Ballistic-Missile** [GB68]. **Anti-Missiles** [Bet69b]. **Anti-Proton** [BH56]. **anti-quark** [WA94]. **antiballistic** [CWB⁺69]. **antifermion** [Kea71, Zum75]. **Any** [GB89, RR07, Roj09]. **apart** [Kai05b]. **appeal** [Ano82]. **Appendix** [BBAL80, BG85]. **Application** [vdLB47]. **applications** [Fur85]. **Applied** [MB40]. **Appraises** [Bet60b]. **appreciation** [Har01, Hol03]. **Approach** [BFK49, Bet93h, Nak63b, CH02, FCC09, Jur89]. **Approximate** [Vos60]. **Approximation** [CCG⁺11, DRS⁺54, SG73, WF11, BW87, Frü03, HM83]. **April** [Bet55c, Bet93e, Bet97b, HPA97]. **Arbeiten** [Hou30]. **arbitrary** [Bet43b, Bet98a, Lai74]. **Argentine** [ABB⁺77]. **Armor** [BW39]. **Arms**

[Bet82a, Bet8xa, BKD82, Bet83b, Bet69a]. **Army** [Bet98a, BS47, Gou47]. **Arnold** [Ano38, Sch67b, PS69, Sch67b]. **arsenals** [Bet89c]. **art** [KMN⁺96]. **Arthur** [Duf46]. **Article** [Bof76]. **Articles** [For87, GR63, BBL86]. **Arts** [WH72]. **Ascent** [Bro73a]. **assesses** [Bet86c]. **Assessing** [BG82a]. **Assignment** [BH39]. **Assistant** [Kil77]. **associated** [HSY04]. **Association** [Bet93e, Ros93]. **assumptions** [Dud76]. **astounding** [Haw11]. **Astronomers** [Huf81, WGO⁺91]. **Astronomical** [Kra17]. **astronomy** [FF91]. **Astrophysical** [Bro05b, Bro06a]. **Astrophysics** [Bet97a, Bet06, BCSF82, Bet03, MR85, ST86]. **Asymptotic** [WB51]. **Atmosphere** [KMT46]. **atmospheres** [BG91a]. **Atmospheric** [Bre53]. **Atom** [Bet70c, Duf46, LR47, Sul75, Bas71, BM66, CHW91]. **Atomic** [Ano95, Bet51, Bet54d, Bet62a, Bet77e, CP50, Duf46, FR13, Gas93, GR63, Pal00, PS69, STS⁺49, WM15, Bet31b, Bet49c, Bet91j, BGP⁺93, Bet94a, CCJ⁺34, Hou30, Jun58, Jun82, LW71, MW46, MW07, Opp46, She75, Van03, Edg91]. **atomiques** [CCJ⁺34]. **Atomkette** [Bet31b]. **Atoms** [Bet35a, Bet66b, Cho01, FSB71, Ino71, BS57a, BS57b, BS77, BS08, IIT78, Sch78, Bet01a]. **Atomskerns** [Hou30]. **attached** [Roj09, RM09]. **attack** [Bie03]. **Attempt** [Bet36a]. **attempts** [Nav06]. **Attention** [Ken54]. **Aufbau** [Bet33a]. **August** [BH88, CJK92]. **auspices** [CCJ⁺34]. **autobiography** [Dys18]. **autour** [SB55b]. **Award** [Ano61, Ano12b, Ano85b, Ano12a, Bet63b, Bet63d, WB64]. **awarded** [Ano92a]. **awards** [BSF93]. **away** [Ano05b].

B [Bet98a, Ano93, Bet37a, CP93]. **Ba** [BB76]. **Bacher** [For87]. **Back** [BB86, Bet01b, Sal02]. **background** [WA94]. **bad** [Mad83]. **Bakerian** [Bet94b]. **ball** [MIT06]. **Ballistic** [BGGK84, Bet98a, BGGK12, GB68]. **Ban** [GSB⁺83, McK86]. **Bardeen** [Skr09]. **Barkas** [Por04a]. **Barkas-Effect** [Por04a]. **Barriers** [BFK49]. **Baryon** [BJ74a]. **Based** [BGGK84, BGGK12]. **Basic** [BBL86, Bet90b, For87]. **Basis** [BMG87, CTSOS99, KB38]. **BCS** [AFF01]. **be** [Bet46b, MB85]. **Beam** [CB48b, HM83]. **Beams** [SSB⁺97d]. **Bedrohung** [SB55a]. **before** [BBM78]. **Befuddles** [Bet99b]. **Behandlung** [Bet30a]. **Behavior** [BK39, BK62]. **Behind** [Bet93a, Bet94a]. **Being** [Bet89b]. **Beiträge** [KRW05]. **Bela** [Bet93a]. **Bell** [Whi95]. **Bemerkung** [BBR31]. **Bemerkungen** [Bet48]. **Berechnung** [Bet34b, Bet29a]. **Berichte** [KRW05]. **Berlin** [Sch67b, Sch67a]. **Berlin-Heidelberg-New** [Sch67b, Sch67a]. **Bernstein** [Huf82]. **Bet** [Bet77d]. **Beta** [BHP39, BHP97]. **Beta-Disintegration** [BHP39, BHP97]. **Betatron** [CB48b]. **Bethe** [Aft02, Ano50, Ano61, Ano12a, Ano12b, BB71, BL09, Dow82, Dow83, Dre07, Dys55, Dys56, Dys05a, Edg91, For57, For87, Fra01, GvH05, Gib05, Gol68, Got98, GS05, Har07, Hof96, HD72, Huf82, Jeh56, Kut05b, Lan00, LB07, Mar08, Mer68, Olw01, Pei57, Pri56, RS08, Sar01, Sch14a, Sch78, Sch67b, Sch67a, Sch15, Sei01, Tho99, Wie14, vB92, Ada06, All59, AH73, AAHS99, AFF01, Bla82, Ano85b, Ano92a, Ano00a, Ano01, Ano05b, Ano05c, Ano05a, Ano12c, Anoxx, AMS11, Aui02, BB69, BB70, Bas71, Ber96a, Ber80, Ber81, Ber06, Bet65a, Bet80a, BWMH81, Bet84b, BBL86, Bet93j, BGP⁺93, Bet93c,

Book [Bet54b, Bet79a, Bet89b, Bet90b, Bet91b, Bet93b, Bet93a, Bet94a, Bet95a, Bet95b, Bet98b, Bet01a, Bet01b, Dys55, Dys56, Edg91, Ewa58, For57, For87, Fra01, Gol68, Got98, Har07, Hen94, Hod13, Hub14, Huf82, Inc92, Jeh56, Kra13, Lan00, Low13, Mer68, Nav14, Olw01, Pei57, Pri56, RS08, Sar01, Sch78, Sch68, Sei01, Tho99, Wal15a, Wal15b, vB92, Sch67b]. **Books** [ABB⁺80, Bet58a, Bet90b, Sch68]. **born** [ML83, CF12]. **Bose** [ZLGM03]. **Boson** [FT75]. **Both** [BG82b]. **Bound** [Bis67, SB51, Kea71, Mai03, Mai04, MB82, WA94]. **Bound-State** [Bis67, SB51, Mai03, Mai04, MB82]. **Boundaries** [Sch95, Wei95]. **boundary** [Bet42e, Fur85, KZJ02, LYS01, Mai04]. **bounds** [RJ10, RM06, RR07]. **box** [MIT06]. **box-ball** [MIT06]. **boycott** [BBM⁺76]. **Boyle** [Hen94]. **Braking** [Bet14, FBB14]. **Breadth** [DS88]. **Breakout** [Bet96a]. **Breeder** [Ham73]. **Breeders** [Bet75c]. **Bremsformel** [Bet32]. **bremsstrahlung** [Frü03, BML53, BM54, Bet72a, DB52, DBM54, MB52]. **Briefe** [KRW05]. **Brien** [Ano50]. **Brighter** [Jun58, Jun82, Bet58a]. **British** [Wal15a, Wal15b, Fak83]. **Broad** [MWBB02]. **Broadway** [Sch00a]. **Broglie** [Whi95]. **Brook** [GSS⁺03, KS87]. **Brown** [Bet98b, Har07, RS08, Lee11]. **Brueckner** [Bet56c, Bet63c, Bro71]. **Brussels** [CCJ⁺34]. **Bruxelles** [CCJ⁺34]. **BS** [AS70]. **Buchbesprechung** [Sch67b]. **Build** [Bet93a, GB89]. **Building** [SSB⁺99b]. **bulk** [OBxx, Rabxx]. **Bulletin** [GR63, BFG⁺85]. **Bursts** [BLW⁺00a, MWBB02, BLW⁺03, Eps88]. **Bush** [Ano85b].

C [Bet42a, Hol03, HB40, LB37]. **C.** [Geh73]. **C.B.E.** [AP77]. **ca** [Ano00a, Kra16]. **Calculate** [Bet36a]. **Calculated** [Bet29d]. **Calculation** [Bet34b, CTSOS99, NB68, Cab78, KW03, Liu72, Bet29a]. **Calculations** [BJ74a, Bar88]. **California** [Bet76g]. **Called** [Cor12]. **Calls** [Ham73]. **Cambridge** [Hen94, Hod13, Hub14, Nav14, RS82, Wal15a, Wal15b]. **campus** [Bet96a]. **Can** [Bet46b, YB85, MB85]. **Can't** [Bet91d, SB86]. **Capacity** [Maw78]. **Capture** [Bet70b, HB51b]. **Carbon** [Bet40d, BLZB01, Hoy54]. **Carbon-Oxygen** [BLZB01]. **career** [NS15, Sch15]. **Carl** [HH14, Wie14]. **Carnegie** [HPA97]. **Carson** [PBB97]. **Case** [AAB⁺88, Bet60a, Bet76b, Bet80b, Bet84b, Gou47, Ken54, Nak63a]. **Cases** [Cle48]. **Catalogue** [Hen94, Sch68]. **Catastrophe** [Dud75, Bet76h]. **Cathode** [Bet29c]. **Causal** [Kea66]. **Cavendish** [Nav06]. **cavities** [Bet43a, BS43]. **Cease** [Bet95c]. **celebrate** [Gol05]. **Celebration** [KRW05]. **Centaur** [Rig06, Rig07]. **Centenary** [Bet99a, FK85]. **Centennial** [PS69]. **Centuries** [Sch68]. **Century** [ABP98, Bet01b, Sch68, APB96, MB85, Har10, Wal15a, Wal15b]. **cervical** [HB69]. **Chadwick** [Bet98b]. **Chadwyck** [Hen94]. **Chadwyck-Healey** [Hen94]. **chain** [Bet31b, CWL⁺04, LFK99, Sco94, dGBNM02]. **chairman** [BBG⁺85a]. **Chandrasekhar** [BS83, Bet05b]. **Chang** [Har07, RS08]. **Chang-Hwan** [Har07, RS08]. **Change** [Bet31a, Bet75d, vW88, vW91]. **Charge** [BE68]. **Charged** [Ino71, IIT78]. **Charles** [Bet78a, Hol03]. **Chemical** [ABG48, Gam66]. **Chernobyl**

[Bet86c, Bet91d, Bet91i, SB86, SBR⁺86]. **Chernobyl-Type** [SB86]. **Chicago** [Wal15a, Wal15b]. **China** [Bet69a, DeN76]. **chiral** [DL83]. **chiral-invariant** [DL83]. **choices** [BBM78]. **Chop** [Bet89c]. **Chown** [Bet01a]. **Christoph** [Wal15a, Wal15b]. **CI** [PR97]. **Circular** [Mol89]. **Citizen** [McD62]. **City** [Bet69b]. **Classical** [Sco94, Skr09]. **Clerical** [Wei75]. **Climbing** [Kai05a]. **Clinton** [Bet97c]. **Close** [SB47]. **closed** [LFK99, Ong86]. **closer** [Har10]. **cloth** [Fra01]. **club** [Ber96b]. **cm** [Sch67b, Sch67a]. **Coal** [Bet80b]. **Cold** [AK10]. **Collaboration** [Ber10]. **Collapse** [Bar88, BBAL79, Bet81d, Blu88, Myr88, WM88]. **Colleagues** [BC00, DK91]. **Collected** [Hen94]. **Collections** [Hen94]. **Collective** [BDSB94, SSB⁺99a, TBDB98, Bet33a]. **College** [Tho99]. **Colliding** [SSBB75]. **Collisions** [Bet51, BA52, BJB93, Ino71, BW87, IIT78]. **Column** [BV74, BV75]. **Combination** [BC38a, BC38b]. **combinations** [RJ11]. **Come** [STS⁺49]. **commentaries** [Yan13, Bet95b]. **Commentary** [BWH80, BBL06, Bey80, Bet97e, BBL03, DP97, Tho99, Got98]. **Comments** [Bet82b, Bet91c, RYBB73, Moy97]. **Committee** [Bet75e, BBG⁺85a, GBG⁺86]. **Communication** [Bet71e]. **Community** [Bet95d, Hab69, Bet81e]. **Compact** [BB98, BB99, BBL07]. **Company** [Pei57, Tho99]. **Compared** [Maw78]. **Comparison** [SBR⁺86, Bet29d]. **competition** [SB55b, SB55b]. **Compiled** [Sch68]. **Complex** [Bet82e, Hill15, BG57]. **Composition** [CB34]. **Compound** [Bet40a]. **Compton** [Duf46]. **Computational** [ML83]. **computer** [Fle73]. **Computers** [FT70]. **Computing** [ACM09]. **Concept** [CBB84]. **conception** [SB55b]. **Concepts** [BBG85b, KS87, ST86]. **Concerning** [Bet48]. **condensates** [ZLGM03]. **Condition** [Sat63]. **conditions** [KZJ02, LYS01, Mai04]. **Conference** [Bec67, BM55, Bet56b, Bet56c, Blu87, KMN⁺96, KS87, KMP98]. **conferences** [WH72]. **configurational** [Per84b]. **conflict** [SB55a]. **Congress** [BG83b]. **connection** [Saz87]. **connectivity** [RM06]. **Conscience** [BBH⁺73, Bra05]. **consciousness** [vW88, vW91]. **conseil** [CCJ⁺34]. **conserved** [MIT06]. **Conserving** [Fes77]. **Considérations** [Hei34, Hei34]. **Consistency** [JB78]. **Constant** [BL49]. **constants** [Bet43c]. **Constitution** [Edd20, Gam30]. **Constraints** [BB95, Bet96b]. **Construction** [Wal15a, Wal15b, Per84a, SB55a, Bet33a]. **Contextual** [Sch14b]. **continent** [Ano85a]. **Continuity** [CWL⁺04]. **Continuum** [Bet40a]. **Contribution** [BM71, BM72, BB99]. **Contributions** [KRW05, MA06, Pan05]. **control** [Bet8xa, Opp46]. **controversies** [ST86]. **controversy** [SB76]. **Convection** [BBC87b, BL88, SSB⁺97a, WM88]. **convective** [WW88]. **Conventional** [Usd09]. **Conversation** [BM04, Goo99, BM05, Goo01]. **conversations** [Bri95a]. **Cooper** [Skr09]. **Cooperative** [Bet37b]. **Coordinate** [LYS01, MP91]. **Copenhagen** [Sch00a]. **copies** [Roj07, Roj09]. **core** [BG57, Blu88, Ong86, Ong88, WM88]. **Cornell** [Ano37, AK10, Bet78a, Bet93k, Dys89, Gol05, Pev78]. **corpuscular** [Bet30b]. **Correction** [BBF53, Por04a]. **Corrections** [Ano93, BB51, WW88].

Correlation [PR97]. **Correlations** [Bet65b, Bet67a, JB78, BJ76].
Correspondence [Mor02, Lee07, Lee09, MIT06]. **Corvallis** [KMN⁺96].
Cosmic [Bet35d, BKP40, BKB92, CB34, Mon49]. **Cosmogony** [Gam49].
Cosmological [Gam66]. **cosmology** [Tur08]. **Could** [Sul75]. **Coulomb**
 [Bet38b, BR52, CH02, Kyr72, WW88]. **Counters** [BB47]. **Counting**
 [CCG⁺11]. **Coupling** [SBB⁺97]. **Courant** [Bet54b]. **Course** [Bet47b].
Courting [Gla76]. **Creation** [Bet34a, BH34, KM01]. **Credibility** [Sau75].
Credulity [vHWD76]. **Critical** [BK39, BSS05]. **criticism** [BF33]. **critics**
 [Cor12]. **critique** [Bet34c]. **Cross**
 [BM54, BBC56a, BBC56b, BBC57a, BBC57b, DB52, DBM54, HB51a, HB40,
 HB51b, MB52, Bet43b, BW87, ML83]. **Cross-Sections**
 [BBC56a, BBC56b, BBC57a, BBC57b]. **Crossing** [Sch95, Wei95]. **crowd**
 [Fri99]. **crystal** [Bet42e]. **Crystals** [Bet42c, Bec29, BB76, Bet27, Bet28b,
 Bet28a, Bet29b, Bet42d, Bet49d, Bet50f, Ewa58]. **Culture** [Wal15a, Wal15b].
current [RS82]. **curtain** [Bet94a]. **Curve** [Gam30]. **curves** [Bet49c, Bet49e].
Cutkosky [MP91]. **Cycle** [Bet40d, Wie14]. **Cyclotron**
 [BR37b, Hil15, SSB⁺97a]. **Czech** [Bet71b].

D [Bet54b, Bet78a]. **Dalitz** [Tho99]. **Damping** [BO46]. **Dancoff** [DRS⁺54].
Danger [SB47]. **Dangerous** [BGG⁺85b]. **dans** [Dem15, NBP⁺34]. **Dante**
 [BBG⁺85a]. **Dark** [Bet95a]. **Data** [Bet35a, BHP39, BHP97]. **Daughter**
 [Pal00]. **David** [Ano50, Bet94a, OBxx]. **Davisson** [Geh73]. **day** [HHW99].
Days [WM15]. **DC** [KMP98]. **Deaths** [Bha05]. **Debate** [Bet77a]. **Decay**
 [BN40, Aui02, FBE⁺34]. **Decision** [Dow83, GB89, CWB⁺69]. **decisions**
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[Bet54b]. **Himself** [RB02]. **hindered** [Bro82]. **historians** [Fri99]. **Historical** [ABP98, Seg85, APB96, Edg91]. **histories** [BWMH81]. **History** [Ber03, Bet52a, Bet82b, Bet82d, Bet90d, Bet91c, Blu87, Bro82, Hod81, Sch14b, TB82, AWCT09, CHW91, Fin06, Jun58, Jun82, KHFA67, WH72]. **Hitler** [Ber96b]. **Hoerlin** [BKJ84]. **Hoffmann** [Dys55, Dys56, Jeh56, Pei57]. **Holds** [Bet53c, Bet84c]. **Hole** [BHL⁺01, BLB01]. **Holes** [Bet44, Bet94d, BB99, BBL06, BB94a, BB94b, BLB99, BLW⁺00b, BLB01, BBL03]. **Holloway** [Bet94a]. **Honor** [Bet55c, Bet99a, Mer68, Gol68, Lee11, MB66, dSFvLH66]. **Hot** [BBAL80, Hoy54, KMB57]. **House** [BBG⁺85a, Duf46]. **Hoyle** [AWCT09, Mad83]. **Hubbard** [LYS01]. **Human** [Duf46]. **Humanitarian** [Sch05a]. **Hundred** [Bet95b]. **Hunter** [Hen94]. **hvezdach** [Bet71b]. **Hwan** [Har07, RS08]. **Hybrid** [Bet78b, Bet80d, Bet81b, Bet79b]. **Hydrodynamics** [BFvN⁺44, PPvNF44]. **Hydrogen** [All56, Bac50, Bet29a, Bet48, BBSS50, B⁺50, Bet50d, Bet50c, Bet63a, Bet82d, Bet95a, Ken54, LR47, LB62, Rid50, Sal52, TB82, dHMAB54, Ano50, Bas71, BJMK92, BW87, Hoy46, SB54, SB55b, SB55a, SB71, WG17]. **Hypercritical** [BLB00]. **Hypernova** [MWBB02]. **Hypothese** [SB67c]. **Hypothesis** [MB47, YG06, Fun81, Kra16, SB67c, Wie81].

I. [Rabxx]. **i.e** [HPA97]. **IEF** [Rig07]. **Ignition** [Bre53, KMT46]. **II** [Dys55, BBB⁺87, Ber79b, Bet40c, BS47, Bet49c, BL50, Bet50d, BA53, BdH55, BBC56b, Bet67a, BYB82, BL88, DBM54, DHB⁺06, HHD73, KHM98, Per84b, Rig07, SB53, Yan13, vW38b]. **III** [Bac50, Ber79c, BBC57a]. **III** [Pei57]. **illus** [Gol68, Wal15a, Wal15b]. **illustrative** [Cab78]. **Illustrious** [Fer68, Fer71]. **im** [Bet29d, SB67d]. **immigrants** [Fer68, Fer71]. **Immobilized** [Rig07]. **impact** [BKD82, LW71]. **imperative** [Bet85c]. **Imperial** [Tho99]. **Imply** [BB93]. **Imprisoned** [ABB⁺77]. **Improved** [RJ10]. **Incomparable** [Sch05a]. **Incorrect** [BH39]. **Independence** [Bet82c]. **Independent** [CCG⁺11]. **index** [Wal15a, Wal15b]. **Indian** [Bey80]. **Individual** [Cle48]. **Industrial** [Hil15, Usd09]. **Industrial-Scale** [Usd09]. **Inelastic** [BBC56a, BBC56b, BBC57a, BBC57b, Ino71, IIT78, RYBB73]. **Inferior** [Bet82j, Bet83c]. **Inferiority** [Bet82e]. **infinite** [NB68, Ong86]. **Influence** [Bet34a, Bet97a]. **influential** [Har10]. **Informatics** [Blu87]. **Ingoing** [BB54]. **Inhomogeneous** [KZJ02]. **initiative** [Ano85a, Bet76g, Bet8xb, SAB⁺8x]. **Innern** [vW38a, vW38b]. **Innocence** [Stu18]. **Insight** [Bet91b, Wei91]. **institut** [CCJ⁺34]. **Institute** [CCJ⁺34, RS82, WH72, Bet85a]. **Institution** [HPA97]. **integrable** [Jur89, Skr07, Skr09]. **Integral** [DB52, DBM54, DSB56]. **intellectual** [Fer68, Fer71]. **Intense** [SBB⁺97, SSB⁺97b]. **Intensity** [Ler71]. **Interaction** [Bet73b, CB60, MJBA75, BF32, BF33, Fun81, Lai74, YLGC02]. **Interactions** [BDSB94, CB60, SSB⁺99a, SBDB94, SBDB95, TBDB98, Gur01]. **Interest** [Bet95d]. **Interiors** [BM39, vW38a, vW38b]. **Intermediate** [BTH50a, Bet64b, BJ68, BJ73, BJ74b, BJ80, BJ86, BTH50b, BTH50c].

Internal [BLMB41, Edd20]. **International** [ACM09, CC73, KS87, KMP98, Opp46, CCJ⁺34, Bec67]. **Interpretation** [BHP39, BKP40, BHP97]. **Interrogating** [OM18]. **Interscience** [Bet54b, Gol68]. **Interview** [Ano01, Bet80a, Hof96, McD62, Pev78, Bet78a]. **Intrigues** [Ano95, BGS95a]. **Introduction** [Bal62, BdH54c, Bet56b, Bet56c, Bet70e, Bet99a, Duf46, KMGT97, KHM98, Bec29]. **Invariant** [Nak63a, AAHS99, DL83]. **inventory** [KHFA67]. **Inverse** [Bet72a, Wie81]. **Investigation** [Ano95, Sch32]. **Ion** [BJBP93, BJMK92]. **Ionization** [Bet35c]. **Ions** [JLBF66]. **Iraq** [Bie03]. **irises** [Bet43c]. **Iron** [MWBB02, Van32]. **Iron-Group** [MWBB02]. **irreversible** [Eva84]. **Isaac** [Hen94]. **ISBN** [Bet91b, Edg91, Hen94, Hod13, Hub14, Nav14, Tho99, Wal15a, Wal15b]. **Ising** [Aui02, BG91b, WF11]. **isoelectric** [Rig06]. **Issue** [Bet99a, Got05]. **Issues** [Sal05]. **Istochniki** [Bet68c]. **Ithaca** [Ano37]. **IV** [BBC57b, BBH⁺73]. **ix** [Hub14].

J [Ano50, Bet90b, Bet97c, Geh73, HD72, Mer68, Sch68]. **J**. [Bet63b, Bet67d, BSK67, Bet68f, Bet91e, Bet97b, Goo80, Goo81, KW69, OBxx, PC06, PBB97, RB67a]. **Jacobsen** [Wal15a, Wal15b]. **jadernoj** [Bet76f]. **jadernye** [Bet55a]. **James** [Bet98b]. **January** [BH88, CJK92]. **Jasons** [Fin06]. **jenergetiki** [Bet76f]. **jenergii** [Bet68c]. **Jenergija** [Bet70a]. **Jeremy** [Huf82]. **Jo** [Wal15a, Wal15b]. **John** [Ber10, Hal17, Réd05]. **joined** [Roj08]. **Jones** [Hen94, WG68]. **Joseph** [Ano92a]. **Journey** [Bet01b, FR13]. **Joy** [Bet91b, Wei91]. **Judging** [Har10]. **Judgment** [Bof76]. **July** [AP77, Ano37, Bet56b, Bet56c, BL09, Dre07, Gol68, LB07, RS82, MB66]. **June** [ACM09, DS88, RS82]. **Jungk** [Bet58a]. **Juni** [HH14].

K-Electrons [BBW50, WB51]. **kapton** [Por97, Por99]. **Kathlerine** [Duf46]. **Kathodenstrahlen** [Bet29c]. **keepers** [Van03]. **kernel** [Aui02]. **kernels** [CFR82]. **Kernmassen** [vW35]. **Kernspaltung** [Bet01d]. **Key** [Ken54]. **Kidder** [Mor02]. **Kinematic** [Ler71]. **Kinetic** [BR37a]. **Klaus** [Wal15a, Wal15b, Ber10]. **Klein** [Eks94]. **Knizhnik** [Gar02]. **Konflikt** [SB55a]. **Konstruktion** [SB55a]. **Korpuskularstrahlen** [Bet30b]. **Kristallen** [Bec29, Bet28a, Bet29b]. **Kritik** [BF33, Bet34c]. **Krystallen** [Bet27, Bet28b].

L [Orb05]. **L**. [Geh73]. **Laboratory** [Bet98a, Nav06]. **Labs** [BCMR92, Bet93f]. **Labyrinth** [Hal17]. **Lack** [Bet71e]. **Ladder** [Kai05a]. **Lamb** [BBF53, BBS50, BJMK92]. **Landau** [Bro71]. **Landmarks** [Bar08]. **Lanouette** [Bet93a]. **Laplacian** [RJ10]. **Large** [Bet38d, BK62, Bet94d, BB94a, BB94b, Ler71, Bet49b]. **Large-Scale** [Ler71]. **largest** [RR07]. **Laser** [BV74, Bet84b, Bet84a, BV75]. **laser-heated** [BV75]. **Last** [Dre05]. **Lattice** [BSS05, Lai74, Run67]. **Lattices** [BG91b, Eva84, Per84a, Per84b]. **Laucht** [Wal15a, Wal15b]. **Laureate** [Ano05b, Bof76, Bro82]. **laureates** [Bie03, Hoi01]. **Lauritsen** [Hol03]. **Law**

[Ben38]. **Lawrence** [Hil15]. **layer** [Bet42e]. **Leadership** [BC00]. **Leap** [BCMR92]. **Lecture** [Bet56b, Bet56c, Bet94b, BCC⁺46, Ber96a, Bet68g]. **Lectures** [BFvN⁺44, Bet99d, BDH70, Eks94]. **Lee** [Har07, RS08]. **left** [Ano50]. **Legacy** [Iri06, Tur08]. **Legend** [OM18]. **Legendre** [CFR82]. **lekcii** [BDH70]. **length** [CWL⁺04]. **Lennard** [WG68]. **Lennard-Jones** [WG68]. **Leo** [Bet93a]. **Léon** [Wal15a, Wal15b]. **Leopoldina** [HH14]. **Leopoldina-Symposium** [HH14]. **less** [Bar88]. **Let** [ABB⁺50]. **Letter** [Bet60b, Bet89d, BCMR92, Bet93c, Bet95c, Bet95d, Bet97c, Bla87, Cli97, DeN76, Fes77, GT38, Gla76, Mar08, Maw78, McK86, Mol89, Nov76, Pal76, Tel87, vHWD76, BBG⁺85a, Dem15, Moy97]. **Letters** [Ger75, Gir75, Gul75, Hen94, KRW05, Sau75, Smi75, Wei75, Dys18, Réd05, CSB⁺31]. **Level** [HB51b, Bet84d, Sch15]. **Levels** [Bet36a, Bet47a, BN68a]. **Li** [Bet38c]. **Library** [Blu87, Sch68]. **Life** [BH39, Bet67e, Bet81c, Bet93d, Bet06, KMN⁺96, Sch95, Sul75, Bet88b, BDH⁺89, Bet03, Gol05, PC06, BDH70]. **Lighton** [Bet90b]. **Ligand** [Bal62, Kut05b, Kut05a]. **Ligandenfeldtheorie** [Kut05b]. **Light** [Bet35a, Bet38b, BR52, Bet75e, GB89, LBC⁺75, RV88]. **light-water** [LBC⁺75]. **Lilienthal** [Ano50]. **limit** [AAHS99]. **Line** [RJ11]. **linear** [Bet31b]. **lineare** [Bet31b]. **Lines** [MWBB02]. **Linus** [KMN⁺96]. **Liquid** [LB62]. **List** [BL06b]. **Lit** [Bro97]. **Lives** [Bet80e, Bet93f]. **Living** [Sch96]. **Livingston** [For87]. **Lloyd** [BKHS89]. **logarithm** [BJMK92]. **London** [Bet54b, Nav14, Wal15a, Wal15b]. **Long** [Bet01b]. **Look** [Bet01b, Har10]. **Looks** [Sal02]. **Loop** [Yui01]. **Loser** [BG82b]. **loss** [CF12, Frü03]. **Lost** [Sau75]. **Low** [Bet94d, BB94a, BB94b, BLB99]. **Low-Mass** [BB94a, BB94b, BLB99]. **luminaries** [Bri95a]. **Luminosity** [BYB82]. **Lumped** [Bet43c]. **LWR** [Bet75c].

M [BGM91b, For87]. **M.I.T.** [Bet69c]. **MA** [Hod13, Hub14, Nav14, Wal15a, Wal15b]. **Macmillan** [Wal15a, Wal15b]. **Made** [Bet99d, Haw11]. **Magic** [Bet01a, Cho01]. **Magnetic** [Bet31a, Bet35c, Bet38c, HLB37, RYBB73, RB37a, RB37b, SSB⁺97d, CH02, Sco94, BF33]. **Magnetische** [BF33]. **Magnetized** [SSB⁺97b, SSB⁺97c]. **magneto** [Bec29]. **magneto-optical** [Bec29]. **magneto-optischen** [Bec29]. **Magnetoplasmas** [SBB⁺97, SSB⁺97a]. **magnon** [MB82]. **Make** [BT82, YB85]. **Maker** [Dys18]. **Makes** [Bar08]. **Making** [Bet95a, Dow83, Hod13, Hub14, Kra13, Low13, Nav14, Wal15a, Wal15b, Sch12]. **Man** [Bet93a, Bro73a, Eds68, Hol03]. **Management** [Bet84d]. **Manhattan** [Ber96a, Bet94g, BC00, HHW99]. **Manuscripts** [Hen94]. **Many** [Bet36b, Bet56a, HB06, Kai05a, KB38, KS87, Pan05, Tel55, CC73, HM83, MHFW72, Per63]. **many-beam** [HM83]. **Many-Body** [Bet36b, Bet56a, HB06, Kai05a, KB38, KS87, CC73, Per63]. **March** [Bet99a, BL09, Dre07, KMN⁺96, LB07]. **Marcus** [Bet01a]. **mark** [AP77, PBB97]. **Marks** [Sch00a]. **Markusen** [Bet90b]. **Marshak** [Gol68, Mer68]. **Marvin** [BGM91b]. **Mary** [Wal15a, Wal15b]. **Maryland** [ACM09, Blu87, Hen94, Sch68]. **Mass**

[Bet46a, BP90, Bet94d, BB95, BB99, BB94a, BB94b, BLB99, BHL⁺01, BLB01, Gam30, Kea68, Nak63a, WG68, Bar88, Bre75, vW35]. **Mass-Energy** [BP90]. **Masses** [Bet35a, BLB01, Jea24]. **Massive** [Ros66, NaH88]. **Master** [Ber79a, Ber79b, Ber79c, Ore04]. **Masters** [Duf46]. **Materials** [ABB⁺46, BA59]. **Materie** [Bet30b, Bet33a]. **Math** [HD72]. **Mathematical** [Bet54b]. **Mathematics** [Ber03, FF91]. **matrices** [Skr07, Skr09]. **Matrix** [SB61, BW87]. **Matter** [BBP71, BA53, BBP63, Bet65b, Bet67a, BR67, Bet67f, BBS70, Bet71d, BJ74a, BBC87a, Dys66, Han74, Neg05, Neg06, RB67b, Bet30b, Bet33a, BN68b, Bro88a, KW69]. **Maximum** [BR37b, Bet50e, BB95]. **May** [ACM09, GSS⁺03]. **McMahon** [Ano50]. **MD** [Bet98a]. **Meaning** [Duf46, MW46, MW07]. **Meaningless** [Bet81a]. **Measurements** [BKP40, Por04b]. **measures** [Per84a, Per84b]. **mechanical** [HBE87, Sch32]. **Mechanics** [Bet33b, Sch78, BS57a, BS57b, Bet64b, BJ68, BJ73, BJ74b, BS77, BJ80, BJ86, BS08, Saz87]. **Mechanism** [Bet94b, SB54, SB71, All56]. **mechanisms** [Bet90a]. **Medal** [Bet93e]. **Medalist** [Ros93]. **media** [DeS73]. **Medical** [Blu87]. **Medicine** [Blu87, Sch68]. **Medium** [BTH50a, SSB⁺97c, BTH50b, BTH50c]. **Meet** [PS69]. **Meeting** [Bet55c, CCJ⁺34, MR85]. **memoir** [Kil77]. **Memoirs** [Bet01b]. **Memorandum** [Bet35d, Bet52a]. **Memorial** [CJK92, Eks94, Bet55c]. **Memoriam** [GvH06]. **Memories** [BR93, MTG05]. **Memorium** [GvH05]. **Men** [All56, Ano92b, Str63, SB54, SB71, Van03]. **Menace** [All56, SB54, SB71]. **Mentality** [Bet90b]. **Mentor** [Sch05a]. **Merely** [Ber01]. **Merge** [BB98]. **Mergers** [BB99]. **merging** [BBL07]. **Meson** [BB51, BM55, Bet39b, Bet40b, Bet40c, BN40, Bet46a, BW51, Bet53b, BdH54a, BdH54b, DRS⁺54, LB62, MB47, Pei57, BdH54c, Bet55d, DSB56]. **meson-nucleon** [DSB56]. **Mesonen** [Bet55d]. **Mesons** [Bet54c, Bet54a, BdH55, SBdH56, Bet70b, SBdH55, Bet49c, WA94, BdH55, Bet55a, Dys55, Dys56, Jeh56, Pei57, Dys55, Pei57]. **Messages** [BBH⁺73]. **metal** [BF33, SB67b]. **Metall** [SB67b]. **Metalle** [Bet31b, Sch67a, Bet67c, Sch67b, SB33, SB34, SB67e]. **Metallelektronen** [BF33, Bet34b]. **Metallic** [Ano37]. **metallow** [BZ38]. **Metals** [Bet34b, BZ38, Bet31b, Bet67c, HBE87, NBP⁺34, Sch67a, SB33, SB53, SB67e, SB34, Sch67b]. **métaux** [NBP⁺34]. **meteoric** [Kra16]. **Method** [Bet38d, BBP63, LR47, MB40, PB73, WLB36, vdLB47, BK93, Cab78]. **Methoden** [Bet29d]. **methodologies** [Rig06, Rig07]. **Methods** [Bet29d, Dir69, DeS73, Dir70, Bet54b]. **Mev** [dHMAB54]. **Mezony** [Bet55a]. **Michael** [Dow83, Dow82, Hen94, Wal15a, Wal15b]. **Michel** [Sch15]. **Microfilm** [Hen94]. **microfilms** [Hen94]. **Microwave** [LR47]. **Migdal** [Bro71]. **migration** [Fer68, Fer71, Hol84]. **Mikheyev** [BB91a]. **Military** [Bet70c, Edg91, Hil15]. **Miller** [BGM91b]. **Minimize** [Yui01]. **Minute** [BH39]. **Missile** [BGGK84, BGGK12, GB68, CWB⁺69]. **Missiles** [Bet69b, Bet89d]. **Mission** [Fak83]. **Mixed** [BB51]. **mixture** [Frü03]. **Mnemonic** [Ran48]. **Model** [BR37a, Bet38c, BB52, BG91b, KB38, RB37a, RB37b, AAHS99, AFF01, AMS11, Aui02, DL83, FCC09, Frü03, Gar02,

KW03, KZJ02, KM01, LYS01, MP91, PcPZ90, Ray97, RS05]. **Models** [MJB75, AFF01, HSY04, Jur89, Per84a, Per84b, WW88, ZLGM03]. **Modern** [Gol68, Mer68, Tho99, GSS⁺03, MB66, Opp66, ST86, Uns00]. **moderne** [Uns00]. **Modes** [SSB⁺97a]. **Modified** [Por99, Por03]. **molecular** [BJMK92]. **Molecules** [Ino71, Run67, IIT78]. **Molière** [Bet53a]. **Moment** [Ano00b, Bet35c, Bet38c, HLB37]. **Moments** [RB37a, RB37b]. **Momentum** [Sae67, SB59]. **mondial** [SB55b]. **monograph** [Sch15]. **Moral** [Aft02, Fra01, Lan00, Olw01, Sar01, Sei01, Sch00b]. **Mordechai** [AAB⁺88]. **Morrison** [Edg91, For57, Pri56]. **Most** [BR93, Har10, Haw11]. **Motion** [BSW60]. **movement** [BFG⁺85]. **Moving** [Bet99b]. **Moynihan** [Moy97]. **Mr.** [Sch34]. **Mrs** [Ano50]. **Mrs.** [RMR⁺50]. **MRT** [Per84a]. **Much** [Dow83, Ger75]. **multi** [BK93]. **multi-grid** [BK93]. **Multiple** [BRS38, Bet46a, Bet53a, YLGC02]. **Muonic** [BN68a]. **must** [Pol19]. **My** [Bet81c, Bet93e, Bet03, Bet06, Jac09, Sal06, NS15]. **mylar** [Por97]. **Mystery** [FR13].

N [HB40]. **nach** [Bet29d]. **Named** [Bet63b]. **National** [Blu87, GR63, Sch68, Tel87]. **NATO** [RS82]. **Natural** [FBE⁺34]. **NDRC** [Bet98a]. **NDRC-B-237** [Bet98a]. **Near** [Bet75c, BBCW83]. **Near-Breeders** [Bet75c]. **nearest** [Lai74]. **necessary** [BBG⁺85a]. **Necessity** [Bet76e, Bet76f]. **Need** [Bet77e, BG83a, Bet91f, Bet98c, Smi75, Bet83b]. **Needed** [Bet88c]. **Negative** [LB62]. **Negotiations** [Bet54d]. **neighbor** [Lai74]. **Neobhodimost** [Bet76f]. **Net** [CBB84]. **Neuere** [Hou30]. **Neumann** [Ber10, Réd05]. **Neutrino** [BB90, BB93, BP34a, BP34b, Bet35c, BAB80, BYB82, Bet82g, BW85, Bet86a, Bet94c, BP97a, BP97b, Myr88, SSB⁺97d, SBB⁺97, SSB⁺97b, SSB⁺99a, SBDB94, SBDB95, TBDB98, Bet89a, Nav06, RV88, SSB⁺98]. **Neutrinos** [BS05, BS06, BBAL80, Bet92, Bet94f, BDSB94, BBD⁺96, Coo88, SSB⁺97c, SSB⁺97a, SSB⁺99b, BB91a, BBD⁺95, Mad86]. **Neutron** [App88, BB47, BBP71, BB51, BKP40, Bet49b, BTH50b, BTH50c, BTH50a, BS68, BBS70, BB95, Bet98b, Bet01e, BLZB01, GB51, HLB37, HB51b, LB52, MJB75, Bet52b, BL88, Eps88]. **Neutron-Star** [BLZB01]. **Neutrons** [BP35b, Bet35b, BBC56a, BBC56b, BBC57a, BBC57b, BP97c, CB48a, WLB36]. **Neveu** [DL83]. **Newton** [Hen94]. **Next** [Ale05, BL83]. **nichtstationäre** [Bet30a]. **Nickel** [Hoy54]. **Niels** [Duf46, Ano95, Bet85a, FK85, OBxx]. **nine** [Van03]. **Nitric** [KMB57]. **No** [BAA⁺75, BBM⁺76, Bet85d, Bet98a, Gir75, Hen94, BG83b, Bet75d]. **Nobel** [Ano12c, BS83, Ano05b, Bet63d, Bet67b, Bet68g, Bie03, Bof76, Bri95a, Bro82, Hoi01, Kra17, Mad83, Sch14a]. **Nobelpreis** [Sch14a]. **Non** [Bet73c, Skr09, Bet30a, Skr07]. **Non-skew-symmetric** [Skr09, Skr07]. **non-stationary** [Bet30a]. **None** [Duf46, MW46, MW47, MW07]. **Nonlinear** [BBD⁺96, SBB⁺97, SSB⁺97b, SSB⁺97c, SBDB94, SBDB95, Jur89, PcPZ90, Wie81]. **Nonstatic** [BM71, BM72]. **Nonuniform** [SSB⁺97d]. **Normalization** [DL83, Sat63, Tom83]. **Norms** [PcPZ90]. **Note**

[Bet64c, Bet72a]. **Notes** [Bre53, RS08]. **nova** [Bet93j, BLLB00a, BLLB00b]. **Novel** [CC73]. **November** [Blu87]. **noyau** [Hei34]. **noyaux** [CCJ+34].

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[Anoxx, Bec67, BM55, BB36, Bet36b, Bet37a, BP37, Bet39b, Bet40b, Bet40c, Bet40d, Bet47b, Bet49a, BL50, Bet50e, BB52, Bet54a, Bet55a, Bet56b, Bet56c, Bet56a, Bet60a, BBP63, Bet65b, Bet67a, BR67, Bet67f, Bet70b, Bet71d, Bet74, Bet75d, BAA+75, Bet76b, Bet76g, Bet77a, Bet77d, Bet77e, Bet80b, Bet82e, BT82, Bet83b, BBCW83, BMG87, Bet88c, Bet90d, Bet91f, BGM91a, BGM91b, Bet93f, BGS95b, BGS95a, Bet97a, Bet98c, Bet99c, BCC+46, Bof76, Bro97, Bro05a, Dow83, For57, For87, Gam30, HB06, Hoy54, KMT46, LB50, LB52, LB37, MB85, MB86, Mla98, MJBA75, MHFW72, Neg05, Neg06, Pei91a, Pei91b, Pri56, RB67b, RB37b, Sal52, Sch12, Seg59a, Seg53, Seg59b, Seg85, Stu18, TB84, Usd09, Wal15a, Wal15b, BCSF82, Bet54c, BM56, BT61, BN68b, BJ76, BBL86, Bet89c, BG91a, Bet91j, BM06]. **nuclear** [Blu88, CC73, CHW91, KMP98, MR85, Pol19, SB76, WH72, vW35, Bet37a, Kra13, LB37, Nav14, RB37a, Stu79, Wal15a, Wal15b, Hod13, Hub14, Low13]. **Nuclei** [ATP82, Bet35b, BB36, BR37a, Bet38b, BTH50a, Bet58b, BE68, Bet68b, BBS70, Bet73c, Bet73a, Bet77f, FSB71, HB51a, NB68, SB67a, SSB75, Bet49c, BTH50b, BTH50c, BG57, CCJ+34, Lee11, MR85]. **Nucleon** [Bet53b, CB60, DRS+54, FT75, SB61, DSB56, Fle73]. **Nucleon-Nucleon** [SB61, Fle73]. **nucleosynthesis** [AWCT09, App88]. **Nucleus** [Bet36a, Bet40a, Bet53c, BM71, BM72, Bet84c, FR13, Hei34, Hou30]. **Nuke** [Ano05a]. **Nukes** [BG83a]. **Nullpunkttemperatur** [BBR31]. **Number** [Bet36a, Bet94d, BB94a, BB94b]. **Numbers** [Ben38, CWL+04]. **Numerical** [BBS50]. **Nurturing** [Ale05]. **NY** [Ano37]. **Nye** [Wal15a, Wal15b].

O [BS37]. **Obituary**

[BKJ84, Bet88d, Bet05b, GS05, Got06b, PBB97, Tuc05, Dit80]. **Objects** [BB98, BBL07]. **Observation** [RV88]. **Observational** [BB95]. **Observations** [Ber01, Bet54e, Bet82f, Bet89e, BP90, Por03]. **observed** [Por04b]. **Obtainable** [BR37b]. **obtained** [Roj07]. **Obtaining** [vdLB47]. **occasion** [AP77, BCSF82, Gol68, MB66]. **occupancies** [YLGCO2]. **Occurring** [Hoy54]. **ocean** [Gur01]. **October** [CCJ+34, KMP98]. **octobre** [CCJ+34]. **Oersted** [Bet93e, Ros93]. **Off** [TB84, AFF01]. **off-shell** [AFF01]. **Office** [Bet98a, Orb05]. **Old** [Bet95b]. **One** [Bet33b, FT75, MW46, MW47, MW07, Sch78, BS57a, BS57b, BS77, BS08, Fri99, Har10, Lai74, LYS01, MB82, YLGCO2, Duf46]. **One-** [Bet33b, Sch78, BS57a, BS57b, BS08]. **one-and** [BS77]. **One-Boson** [FT75]. **one-dimensional** [LYS01, YLGCO2]. **Open** [Tel87, LYS01, BBG+85a]. **opened** [MR85]. **Opening** [Sch00a]. **operators** [KM01]. **Oppenheimer** [Aft02, Bet67d, Bet97b, Edg91, Fra01, Lan00, Olw01, RB67a, Sar01, Sei01, ACU+54, Ano50, Bet38e, Bet63b, Bet67e, BSK67, Bet68f, Bet91e, Bro82, Goo80, Goo81, Ken54, KW69, MS15, OBxx, PC06, Sch00b, Yor89]. **Oppie** [BC00]. **Oppose** [Bet93a]. **opposition** [Bro82]. **optical** [Bec29]. **optics**

[Jur89]. **optischen** [Bec29]. **Oral** [Hod81, BWMH81]. **Order** [Bet38f, BK39, BM71, BM72, SG73]. **Order-Disorder** [BK39]. **Oregon** [KMN⁺96]. **Origin** [ABG48, Bet01a, Gam66, Pen79]. **Origins** [Cho01, Wal15a, Wal15b]. **Oscillator** [Bet56d, CTSOS99, Bas71]. **Oskar** [Eks94]. **Osteochondrosen** [HB69]. **osteochondroses** [HB69]. **other** [Bri95a]. **Otto** [BW80]. **overflow** [Fri99]. **overlooked** [Mad83]. **Own** [BCMR92]. **Oxford** [AP77, DS88]. **Oxide** [KMB57]. **Oxygen** [BLZB01].

P [BKHS89, Bet91g, CJK92, JMWB86, HB40]. **P.** [CJK92]. **Pacific** [Ken54]. **pages** [Fra01]. **Pair** [BM54, DB52, DBM54, MB52, SB59]. **Palgrave** [Wal15a, Wal15b]. **Pandora** [Van03]. **Panel** [SBR⁺86, Bet86c, Ham73]. **paper** [FBB14, Tur08]. **paperback** [Edg91]. **Papers** [Ano00a, Bet95b, Hen94, Sch58, Sch03, BBL03, Blu87, DP97, Haw11, OBxx, Rabxx, Tho99, Yan13]. **Paramagnetic** [Van32]. **Parameters** [Por98, Por97, Por99, Por03, Por04b]. **Part** [AK10, Gur01, WGO⁺91, Bet40c, BA53, BBC56a, BBC56b, BBC57a, BBC57b, Bet70c, KMB57, Rig06, Rig07]. **Partial** [Fle73]. **Participating** [Ano50]. **Particle** [Bet38c, Aui02, MHFW72, Saz87]. **Particles** [BH34, Bet50a, Bet59, Bet73b, Gün64, Ino71, Ros66, Bet49c, BV75, IIT78, PcPZ90]. **Partition** [WF11]. **Parts** [NR66]. **Passage** [Pei85, Bet30b, Bet29c, BA53]. **passes** [Ano05b]. **Passions** [Bet91b, Wei91]. **path** [MR85, RM09]. **patterns** [Dys18]. **Paul** [BH88, CJK92, JMWB86, Sch14b]. **Pauli** [Uns00, Bet72b, Bet00b, Uns00]. **Pauling** [KMN⁺96]. **Pb** [BS68]. **Peace** [Ano92a, GG05, Ano85a, Ano92b]. **peers** [Fri99]. **Peierls** [AP77, Cab78, DS88, Tho99, Wal15a, Wal15b, Bet88a, BGM91b, DP97, Lee07, Lee09]. **Penetration** [BKF49, BTH50a, BTH50b, BTH50c]. **People** [Ano05c, Tel55]. **Percentages** [DF79, MYZ67]. **Percolation** [BSS05]. **periodic** [MIT06, SB53, SB67d]. **periodischen** [SB67d]. **Periphery** [Bet70b]. **Personal** [Ber01, Bet91j, Jun58, Jun82]. **Perspective** [GSB⁺83, Seg85, Bet91j]. **Perspectives** [MB66, Opp66, Sch95, Mer68, Gol68]. **Perturbation** [BS43, Kea71, Liu72]. **Perturbations** [Bet38d]. **Peter** [BH88, Hen94]. **Peterson** [Pei57]. **Pevsner** [Bet78a]. **pH** [Rig07]. **Phase** [Bet53b, BdH54a, BdH54b, Bet55b, Run67, dHMAB54, BB76, Cab78]. **Phase-shift** [Bet55b]. **Phases** [Ano37, BG91b]. **Phenomena** [Bet37b, Bec29, Bet53d]. **Phenomenon** [LG78, Rai85]. **Philip** [Edg91, For57, Pri56]. **Phillips** [Bet88d, Bet38e]. **philosophical** [HBD71]. **Philosophie** [HH14]. **philosophische** [HBD71]. **Philosophy** [Wal15a, Wal15b]. **Photo** [BL50, LB50]. **Photo-Disintegration** [BL50]. **Photo-Effect** [LB50]. **Photocapture** [HB51a]. **Photoeffect** [LB52]. **Photoeffekts** [Bet30a]. **Photoelectric** [BP34c, Bet30a]. **Phys** [HD72, RB37a]. **Physical** [Bet55c, Bet75e, Bet95b, Bet99a, LBC⁺75, FT70, HBD71]. **Physicist** [Bet81c, Hod13, Hub14, Iri06, Kral3, Low13, Nav14, Pei85, Wal15a, Wal15b, Wei91, Sch12, Bet89b, Bet91b]. **Physicists** [PS69, Bet01d, Hol84]. **Physics**

[ABP98, Ano12c, Anoxx, BB93, Bec67, BM55, BB36, Bet37a, BM39, Bet65a, Bet67b, BDH70, BS83, Bet88c, Bet93d, Bet95b, Bet97a, Bet99d, BM04, BGA⁺13, BCC⁺46, Bro05a, Bro06b, DS88, For87, Gol68, Han74, LB37, MA06, Mer68, MKR87, Mla98, Mon49, Pan05, Ros93, Seg59a, Seg53, Seg59b, SSB⁺99a, Stu18, Tho99, Wal15a, Wal15b, AP77, APB96, BBL86, BDH⁺89, Bet93e, Bet99c, BM05, Bra05, BL06a, Dir69, Dir70, FF91, Fri99, GSS⁺03, Haw11, Kai05b, KHFA67, MB66, MR85, MHFW72, Opp66, Stu79, Uns00, WH72, dSFvLH66, Bet55d, CCJ⁺34, RS08, Bet54b, Har07]. **Physik** [HH14, Bet55d, Uns00, FBB14]. **physikalische** [HBD71]. **Physiker** [Bet01d]. **physique** [CCJ⁺34]. **pi** [Bet55d]. **pi-Mesonen** [Bet55d]. **picture** [SBSW60]. **Pilgrimages** [Bet04]. **Pion** [Bet72b, Bet73a, JB78, dHMAB54, Bet55b, BJ76]. **pion-proton** [Bet55b]. **Pioneer** [Ano05a]. **Pioneers** [Tho99]. **Pions** [Bet77f]. **Plan** [Bet60c, BG82b]. **Planar** [CH02]. **planet** [Ano85a]. **Plasma** [BV74, BBD⁺96, SSB⁺99a, TBDB98, BV75]. **Plasmas** [BDSB94, SSB⁺97b, SBDB94, SBDB95, BBD⁺95]. **Plate** [BW39]. **Pledge** [ABB⁺50]. **Plenum** [Sch78]. **Plenum/Rosetta** [Sch78]. **plus** [LW71]. **Point** [Bet69b, Bet94g, Bey80]. **Polanyi** [Wal15a, Wal15b]. **Polarization** [Bet58b, RB39, SB61]. **Polarized** [SB61]. **Pole** [ROB63]. **Poles** [BK62, Nak66]. **policies** [CHW91]. **Policy** [Bet75a, Bet82e, Bet84b, Dre06, EBU⁺52]. **political** [Bro82]. **Politics** [Hab69, Wal15a, Wal15b, LW71, Bet01b]. **Polymath** [Har01]. **Polynomials** [WF11]. **polystyrene** [Por97]. **Ponderomotive** [BBD⁺96]. **Positive** [BH34]. **Positrons** [Bet35e]. **possibility** [BG91a]. **Possible** [Bet50e, Bet82c, Bet86a, Bet94c]. **postgraduate** [Sch15]. **postwar** [Fin06, Kai05b]. **Potential** [BK62, Kea69, Ong88, SB53, SB67d]. **Potentialfeld** [SB67d]. **Potentials** [BJ74a, WG68]. **Power** [Bet35c, BBW50, BAA⁺75, Bet76b, Bet76e, Bet76f, Bet77a, Bet77d, Bet77e, Bet91f, Bet98c, FvHW79, Por98, Por04a, WB51, Bet91j, Por97, Por99, Por04b, SB76]. **Pp** [Edg91, Hen94, Nav14, Pei57, Sch68, Tho99, Bet54b, Duf46, Gol68, Hod13, Hub14, Wal15a, Wal15b]. **Practice** [Pei57]. **Preceded** [Ken54]. **precision** [Tur08]. **Predictions** [Bet99b]. **Preis** [Sch78, Sch67b, Sch67a]. **Preludes** [dSFvLH66]. **presence** [BJ77]. **Present** [CC73, RYBB73, CHW91]. **presented** [BCSF82, Bet93e, Blu87]. **Preservation** [Bet93g]. **President** [Kil77, ABB⁺80, Bet97c, GBG⁺86]. **President-Elect** [ABB⁺80]. **Press** [Edg91, Fra01, Hod13, Hub14, Nav14, Tho99, Wal15a, Wal15b]. **Pressure** [CBB84]. **Presupernova** [NaH88, WW88]. **prevent** [Pol19]. **price** [Hen94]. **primordial** [App88]. **Princeton** [Fra01]. **Principle** [Bet72b]. **Printed** [Sch68]. **private** [Lee09]. **Privilege** [Bet89b]. **Prize** [Ano12c, Bet67b, BS83, Mad83, Ano92a, Bet63b, Kra17, Sch14a]. **Probability** [Per84a, Per84b]. **Problem** [BB90, Bet36b, Bet56a, BR67, Bis67, HB06, Huf81, Kai05a, Kea70, RB67b, Bet76a, CC73, Fun81, Per63]. **Problems** [Bet33b, B⁺62, Bet70c, BB54, Iof05, Iof06, KS87, SB51, Bet71a, Bet8xb, Per84b]. **procedure** [BW87]. **Procedures** [Cle48]. **Proceedings**

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Bethe:1935:ARP

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(print), 1536-6065 (electronic). URL <http://link.aps.org/doi/10.1103/PhysRev.55.434>; http://prola.aps.org/abstract/PR/v55/i5/p434_1. See further work [Hoy46, Hoy54]. According to [BL09, page 41], this paper won Bethe the A. Cressy Morrison Prize of the New York Academy of Sciences, and almost three decades later, the 1967 Nobel Prize in Physics.

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