A Selected Bibliography of Publications by, and about, Wolfgang Pauli

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Title word cross-reference

1/2 [SG78]. **\$27.95** [vB10]. **\$28** [Ano45a]. **\$29.95** [Sta07]. 3V [Raj77]. **\$6.00** [Dys60]. **\$80.00** [Sta07]. ⁺ [GP31]. $a + A \rightarrow C^* \rightarrow b_1 + b_2 + b_3$ [Kra65]. A_{n-1} [PZ88]. α [SKS85]. β [Fer34, Gau14]. f [Pau47c]. g [Kij72]. H [Pau28, PF37]. λ [Pau43a]. $f \uparrow (n, \mathbf{C})$ [Han11]. SL(3, \mathbf{C}) [dGPS00, HNPT06]. n [PZ88]. $np\alpha$ [NMS84]. P [Pau38b]. R [ST82, ST84]. $\mathrm{sl}(n, \mathbf{C})$ [HPPT02]. $\mathrm{sl}(n^k, \mathbf{C})$ [Han10]. $\mathrm{sl}(p^2, \mathbf{C})$ [PST06]. $V\theta$ [Nel72]. X - Y [Suz73].

-Limiting [Pau43a]. **-matrix** [Kij72, ST84, ST82]. **-Theorem** [Pau28, PF37, Pau28, PF37]. **-values** [Pau47c]. **-Werten** [Pau47c].

/ [Bet00, Eis00]. /Friedrich [MKD⁺91]. /Fritzsch [MKD⁺91]. /Max [BT58, DT58]. /Max-Planck-Medaille [BT58, DT58]. /Rath [GRE⁺01].

0 [Dys02, Str04a]. 0-19-856479-1 [Coo03, Dys02, Str04a].

1 [Dys02, Str04a]. 1.5 [GRE+01]. 10 [Pau32a]. 11 [Pau33e]. 112 [FW07]. 137 [MM11]. 15.12.1958 [Hei59]. 175 [Ein79]. 19 [Ein79]. 19-175 [Ein79]. 1901-1950 [dVNHdVH53]. 1911 [Meh75]. 1929 [HEB+80, HvMW79]. 1931 [Ehr31]. 1933 [CCJ+34]. 1939 [OSWR86, vMHW85, HW87]. 1945 [Pau45b, Pau47d]. 1949 [vM93, Br095]. 1952 [vM96]. 1954 [vM99]. 1954/ Mladjenovic [ARK+99]. 1956 [vM01]. 1958 [Mei92, Pei60, vM05b, Enz05, Pes05, Sch02]. 1960s [ARK+99]. 1960s/Frenkel [ARK+99]. 1972 [Meh73]. 1983 [GHMP87]. 1984 [Wes85]. 1985 [LM85]. 1998 [Fis99, GR00]. 1st [GHMP87].

2002 [JG04]. **2006** [Ber06]. **2009** [Pet11]. **20th** [Meh73]. **22** [CCJ $^{+}$ 34]. **23.50** [Che85]. **298.00** [Hen86].

3-540-13609-6 [Hen86]. **31** [Ehr31].

4/Pauli [OSWR86]. 49/Atmanspacher/Primas [MGG⁺95].

60th [Pau45a, Pau94i].

7 [Pau29b]. 70th [KP55, PRW55].

8 [Fis99, Pau30a]. 89 [Sch01].

90-277-1648-X [Che85]. 9O [Bro86]. 9O-277-1648-X [Bro86].

= [Uns00].

A. [Pau26a, Pau31b, Pau51d, Pau53c]. **A./Kraus** [GRE+01]. **a.o** [Hen86, HvMW79, vMHW85, vM93, vM96, vM99, vM01, vM05b]. abendländische [Pau56f, Pau59]. Abhandlungen [Cha68]. Abschlusses [Pau25c]. Absorption [Dir27, Pau25d]. abstract [PD42b]. Abt [BDR84]. Abteilung [BDR93]. Acceleration [HEB+80]. Acceleration/Brosche [HEB⁺80]. Accelerator [JBE⁺00, NFG⁺91]. according [Fin49, PM26]. Account [Str04b, Str07, BSI+82, ZSJY82]. action [Lop91]. actually [Bel86]. actuel [Pau53d]. Adams [Pau25a]. Addendum [Hei79b, Hei79a]. adjoint [BP03]. AE [Ein79]. after [Kae48]. against [Mas04]. Age [Gil09]. ago [Enz82]. Aharonov [BP03, BBMS08, GS04, Hen81b]. Ähnlichkeitstransformationen [Pau40b]. akausaler [JP52]. Albert [Ano05, Pau61c, Kle05, Pau58a, Pau61c, Pau94a, Pau94f, Sch49]. Alchemical [vExx]. Alchemistische [vExx]. algebra [Bay96, BPP64]. Algebraic [Nel72]. algebras [CP93, PZ88]. algorithm [FF87]. Allan [Sta07]. Allgemeine [Pau29a]. allgemeinen [Hei84, Pau33g, Pau58b]. allowed [FRKK95]. alpha [ACD90]. älteren [Pau57c, Pau61d]. am [Ehr31]. among [Sto24]. Analyses [dB86]. analysis [Ara90, GR00]. analysts [Kev00].

Analytical [QS98, BPP64]. Analytische [BPP64]. Anaximander [Sti77]. ancestors [Smu90]. Angular [Kra65, ZSJY82, HGF91, ZF00]. Anima [vE98]. Anima-Figure [vE98]. Anlage [Hei79b, Hei79a]. Anniversary [Pau01]. annotated [Sch01]. Announcement [Pau56b]. anomalen [Pau23b]. anomalies [Mas04]. Anomalous [BU26, Pau23b]. anomaly [Gau14]. Anordnung [ET60]. Ansprache [Ehr31, Pau56c]. Answers [Sta07]. anti [Dit15]. anti-Dirac [Dit15]. Anton [Fis10, Fis12, Fis10, Fis12]. Antwort [Pau31a]. Anwachsen [Pau28]. Anwendung [Pau74, Fre28]. Any [Tch72]. appearing [Pau25e]. Application [SZ97, Ara90, PJ44, Pau74, SS75, Fre28]. **Applications** [HEB+80, Pau43a]. Applications/Lehmann [HEB+80]. Applied [BT58, DT58]. Approximate [KM89]. approximation [RL77, SP77]. approximations [BP03]. April [JG04]. Äquivalenzverbot [JW28]. Arbeiten [ARK+99, Pau24d, Pau77b]. **Arbitrary** [Fie39, DC86, FP39b, FP39a, Hal91]. Archetypal [Pau94g, Krö54, Pau52b]. Archetype [Pes05, Sch02, MEF01]. Archetypes [VNB08]. archetypischer [JP52, Krö54, Pau52b]. Argyris [MGG⁺95]. Argyris/Faust [MGG⁺95]. Armin [HW87]. Arnold [Ano38, Pau51a, Pau51b, Pau51c, Pau94b]. arrangement [ET60]. Arthur [vB10]. article [Dys60]. Ascona [AvMMH⁺07]. aspects [Meh75, Pau54b]. Aspekte [Pau54b]. assignment [Pau23c]. assistance [All56]. Assistant [Pei85a]. associated [Han10, Han11, HPPT02]. astounding [Haw11]. Asymptotic [Pau38a, QS98, Ara90]. Atom [Gie90, MEF01, MKD⁺91, Pau25c, Ser77, vM90, Lau88, Pes05, Sch02]. Atombaues [Pau29a]. Atomic [ARK+99, Boh21, Pau94u, RS74, Sto24, CCJ⁺34, NFG⁺91, Pau58c, ST82, ST84]. atomiques [CCJ⁺34]. Atomkernes [Pau32b]. Atommechanik [Pau25b]. Atomphysik [MKD⁺91, Pau58c]. Atomphysik/Ignatovich [MKD⁺91]. Atoms [Ano45a, QS98, Str04b, Str07, Lau97, LT91, LT97, LT01, LT05, NM91]. Aufbau [Boy14]. Aufbruch [MGG+95]. Aufgabe [MKD+91]. Aufsätze [Pau61b, Pau61a]. Ausbreitung [Pau20a]. ausgeübten [PB27]. auspices [CCJ⁺34]. Ausschliessungsprinzip [Pau77b]. äusseren [Pau58g, Pau58h, Pau23c]. Austrian [Ano93]. Automorphisms [HPPT02]. autostructure [Bad11]. autres [Kle05, Ano05]. Award [Ano45a, Ehr31].

B [BDR84, vM05b]. Back [GB30, GB29, GB30]. Back-Effekt [GB30]. Background [VNB08, CV02]. Band [ARK+99, BPP64, Eis00, HvMW79, MGG+95, Pau29b, Pau30a, Pau32a, Pau33e, Pau51d, vMHW85, vM93, vM96, vM99, vM01, vM05b, KP23]. Bandenspektren [KP23]. Bandwidth [CP84]. Bargmann [FRKK95]. barrier [SSF82]. Based [SZ97, ZSJY82]. Basis [GR31, FRKK95, dGPS00]. Bass [OSWR86]. Bau [Pau32b]. Bd [Eis02, HEB+80]. Be [Ano45a, BT58, Coo03, DT58, Hei79a, Kap13, Tel03, Dys02, Enz02, Gou76, Str04a, Sul62]. beam [Pau19a]. Bedeutung [APWB95, MGG+95, Pau50b]. Beeinflussung [Pau24a]. Began [Kae48]. Begriff [Pau52a, vdWPR52]. Behandlung

[Pau26a]. behavior [PB40, UG25]. Beitrag [Pau55b, Pau01]. beiträge [Pau48b, Pau35a]. beliebigem [FP39b, Fie39]. belief [vM87]. Believe [MKD⁺91]. Believed [Ano45a]. Bell [BH09]. Bemerkungen [Pau20b, Pau24d]. Bericht [Hei84]. Berlin [Eis00, Hen86, Sch01]. Berlin/Heidelberg/New [Eis00]. Bern [Pau01]. Berner [Pau01]. Bestimmung [Pau47c]. Beta [Jen00]. Bethe [Sch58]. betreffenden [Pau33a]. Between [Bur58, Pau40a, CP92, Del61, Ehr27b, Ehr27a, Fis99, Fis04, Fis11, LZ58, Pau23a, Pau24d, Pau50a]. bewegten [Pau20a]. bewegter [Pau33h]. Beyond [Lau88, Nat03, MKD+91, vM90, Gie90]. bezüglich [UG25]. Bicentennial [Pet11]. Bifurkation [MGG⁺95]. Big [Scu07c]. Bildung [JP52, Krö54, Pau52b]. binding [BLV05, HSS11]. Biografie [Enz05]. Biographical [Enz94b]. Biographie [RP79]. biographies [Ano64, SS98]. Biography [Coo03, Enz05, Tel03, Dys02, Enz02, RP79, Str04a]. Biot [Sza97]. Bird [Pei85b]. Birth [BH83a, BH83b, Gar63a, BH82]. Birthday [Pau45a, Pau94i, KP55, PRW55, Mor56a]. bis [Fis99, Fis10, Fis12, Sti77]. Bisherige [Hei79b, Hei79a]. bisherighen [Hei84]. bismuth [BG28, GB27, Tho26, ZBG30]. black [Pau29d]. black-body [Pau29d]. Bloch [Sch58]. Blockade [Pec93]. Body [MKD+91, NMS84, Pau29d, SOCg82]. Bohm [BP03, BBMS08, GS04, Hen81b]. Bohmsche [GRE+01]. Bohr [All56, ARK+99, Bel86, Bro86, Bro95, Che85, Eis00, GRE+01, HEB+80, Hen86, HvMW79, MGG⁺95, Mor56a, OSWR86, Wes85, dB86, vMHW85, vM93, vM96, vM99, vM01, vM05b, Deg89, CG14, De 14, Hen84, KP55, Mas04, OBxx, Pau45a, PRW55, PB58, Pau94i, Pau01]. Bohr-Festschrift [Pau01]. Boltzmann [Eis91]. Book [Bal65, Bel86, Ber06, Bor47, Bro86, Bro95, Che85, Dys60, Dys02, Gie90, HW87, Hen86, Kra09, Mor56a, Pau24b, Pau25b, Pau25a, Pau26a, Pau29b, Pau29c, Pau30a, Pau30b, Pau30c, Pau31b, Pau31c, Pau32a, Pau32b, Pau33e, Pau33f, Pau35b, Pau47a, Pau51d, Pau56d, Pes05, Sch02, Sta07, Sti77, Str04a, Tel03, Wes85, YK73, vB10, vM90, BPP64, BSRD+55, LPB+56, PKR51]. Books [All56, BDR84]. Bor [PB58]. Born [Pau25b, Pau30b]. Boru [PB58]. Bose [Pau36a]. boson [Ara90]. Boston [Wes85]. bound [Sch01]. Brandmüller [MGG⁺95]. Break [Pau72a]. Brecht [Sch99a, Sch99b]. Breit [Bad11, BG88, FWS+85, FM68b, FM68a, HGF91, RL77, ST82, ST84, ZF00]. Breit-type [RL77]. bridge [BS12, Fis04, Fis11]. Brief [Coo03, Tel03, Dys02, Enz02, Str04a]. Briefe [Hei79b, vM68]. Briefwechsel [ARK+99, Eis00, GRE+01, HEB+80, Hen86, HvMW79, MGG+95, Mei92, OSWR86, vMHW85, vM93, vM96, vM99, vM01, vM05b, Eis02]. Brod [MGG⁺95]. Brücke [BS12]. Brücken [Fis04, Fis11]. Bruno [Bon05]. Brussels [CCJ⁺34]. Bruxelles [CCJ⁺34]. Buchbesprechungen [BSRD+55, LPB+56, MGG+95, OSWR86, PKR51]. **Bücher** [ARK⁺99, BDR84, GRE⁺01, HEB⁺80]. **Buchwald** [Pau24b]. **bulk** [Eck70, Eck73, OBxx]. Bunde [MGG⁺95]. Burger [Pau24d].

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C [Coo03, Fis99, JP52, MM11, Pau24d, YK73]. C.
[Fis99, Gie05, Pes05, Sch02]. cachés [Pau53b]. calculate [ST82, ST84].
Calculation [SZ97, ZSJY82]. calculations [BG88, Bay96]. Calculus
[Eck26, BPP64]. Cambridge [Sta07]. can [Mas04, Hei79a, Kap13, MKD<sup>+</sup>91].
Cape [Ber06]. Carl [GRE+01, vB10, Eck70, Eck73, Mil09]. Case
[PH45, Gau14, Pau40b]. Casimir [Lop91]. Cassidy [MGG<sup>+</sup>95]. Catalogue
[Eur69]. Catalonia [GHMP87]. Causality [Pau94r, Pau36c]. centennial
[vM00]. Center [FM68b, FM68a]. Centre [Meh73]. century
[Cas83, Cas92, CS10, Meh73, FW60]. Ceremony [Pau31a]. CERN [Ano60a].
Ch [BT58, DT58]. Challenge [Ber06]. champs [Pau53d]. change [Gau14].
Chaos [MGG<sup>+</sup>95, BGTJ99]. Chaos/Plaschko/Brod [MGG<sup>+</sup>95].
Chaotische [MGG<sup>+</sup>95]. Charge
[Hri71, Tch72, CP92, JP28, Pau55a, Pau57a]. charge-free [JP28]. Charles
[Dys02, Str04a, Tel03]. che [Fer24]. chemical [Fin49]. Chemie [MGG<sup>+</sup>95].
Chemie/Dictionary [MGG<sup>+</sup>95]. chemischen [Fin49]. chemistry
[Hal86, Ano45a, MGG<sup>+</sup>95]. Chile [Ano45a]. Chinese [vE98]. Chiral
[Xue91]. Chiral-gauge [Xue91]. CII [RC25]. circuits [Pau74]. claim
[UG25]. class [CC83, CCS95]. classic [EFK90]. Classical
[Pau33c, SP77, GG05]. Closed [Ell48, Goe48, Goe49, KK73]. Closing
[Pau56c]. cloth [vB10]. Cloud [Wei88]. cluster [FRKK95, SOCg82].
cohesive [Fre28]. coincidence [Cas92, Fis99]. collaboration
[Sch01, vM05a]. Collected [BDR84, BDR93, Cha68, KW64, Pau64a, Bal65].
collection [Eur69]. Collective [HEB<sup>+</sup>80]. collision [Pau24d]. combination
[Pau25e]. combined [SKS85]. comet [PB27]. commemoration [FW59].
Comment [Cav00, CNT00, PT59]. Commentary [Got83]. Comments
[AP80, Pau24d]. Commission [BT58, DT58]. Company
[Bro86, Che85, vB10, Coo03]. compared [Pau40b]. Complementarity
[Pau94m, De 14, Pau48a, Pau50b, Scu07c]. complete [FRKK95].
Completed [Hei79a]. completion [Pau25c]. complex
[Pau23c, Pau25c, Pau58d, vO69]. Complexes [SZ97]. component [Pau19b].
Components [QS98]. Composite [GH99, KS81]. computing
[HGF91, ZF00]. concentration [CP84]. Concept
[Gar63a, Pau48a, Pau50b, Pau52a, SSF82, vdWPR52]. conception
[Lau85b, Meh73]. concepts [Enz85a]. Concerning [VNB08]. Condensed
[ARK<sup>+</sup>99]. condition [Kij72]. Conference
[Fis99, Pet11, Pau30d, Pau56c, Pau01]. conferences [Meh75]. Confirmation
[CRH+56]. conflict [vM85]. Conformal [Hri71]. Congruence [Nel72].
conjecture [AF14]. Conjugation [Hri71, CP92]. connected [Pau56a].
Connection [Bur58, CP92, LZ58, Pau40a, Del61, Pau50a]. Conrad
[MGG<sup>+</sup>95]. conscience [Dys02, EM88]. conseil [CCJ<sup>+</sup>34]. Consensus
[Jen00]. Conservation [GLR14, Pau57a]. conserved [CV02].
considerations [Pau38b, Fer24]. Considerazioni [Fer24]. Consistency
[GH75]. Constant [VNB08, Pau21a, PM26, Sch99a, Sch99b]. constrained
[BP22]. constraint [MS94]. contain [Fer24]. Contemporary
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[AvMMH⁺07, AP06]. contengono [Fer24]. context [AP06, Pet11]. Continuing [Ber06]. Continuous [Pau56e, Pau65a]. continuum [ST82, ST84]. contractions [HNPT06]. Contribution [Pau94c, Ano85, Pau49, Pau55b, Pau65b, Pau01]. Contributions [Pau36b, Pau94q, Pau48b, Str00, Pau35a]. Control [VNB08]. Controversy [Jen00, Scu07c]. Conversation [BM04]. Cooper [PCC10]. coordinates [Pau33c, Pau33d]. Copenhagen [Lau85a]. Correct [Fre30, KS81]. Corrected [BT58, DT58]. Correction [Ehr27a]. corrections [BCP89, Kal89]. Correlation [QS98, Suz73]. Correlation-Kinetic [QS98]. correlations [KK73]. Correspondence [Bro95, Eis00, Hen86, HvMW79, Mei92, vMHW85, vM93, vM96, vM99, vM01, vM05b, Eis02]. Cosmic [MGG⁺95, Mil09, vB10, MM11]. Cosmological [ARK⁺99]. Cosmology [Rei72]. Cosmos [Fis04, Fis11]. Coulomb [QS98]. Coulombic [KM89]. Coupling [PD42a, PH45, Tch72, PD42b, Pau43c]. crack [BS12]. Creation [Bel86, Bro86, Che85, Hen84, Wes85, dB86]. Creativity [MKD⁺91]. creators [Str11]. criterion [Pau39]. Critique [Ano05]. crystals [Pau25d]. Curies [Kae48]. curious [Gau14]. current [Hei84, Pau53d].

D [Bro86, Che85, KP55]. **D.** [Pau56d]. **dans** [Pau53b]. **David** [OBxx]. Debye [Pau35b]. Decay [Jen00, Gau14, Pau38b]. Déchirure [Pau72b]. Deciphering [Mil09, vB10]. Decomposition [Pec93]. Dedicated [Mor56a, KP55, PRW55]. **Defect** [HEB⁺80]. **Defects** [MGG⁺95]. Defects/Weiss [MGG⁺95]. define [Boy14]. Defining [ARK⁺99, De 14]. Definition [SG78]. deflection [Pau19a]. Deformation [Pec93]. deformed [JMS80]. degeneracy [Pau27a]. Degeneration [Pau90b]. degli [Fer24]. deinen [MKD⁺91]. d'Einstein [PS32a, PS32b]. del [Maj37]. dell [Maj37]. della [Pau58e]. dello [Gul54]. demon [Scu07a]. Demonstration [Ein41]. demonstrative [Mas04]. Denken [Pau56f, Pau59]. Denkens [Sti77]. Denkstoffe [Fis04, Fis11]. densities [BCP89, Kal89, ZY88]. Density [SZ97, KM89, KK73]. density-matrix [KK73]. dependence [Pau25f]. Dependent [PH45, BBMS08]. depth [Gie05]. Detection [CRH+56, RC53]. Determination [GR31]. determining [Pau47c]. Deterministically [Hei79a]. deterministische [Hei79a]. deuteron [BSI+82]. Deutsch [GRE+01]. Deutsch-Englisch [GRE+01]. Deutsch-Englisch/ ConceptDraw [GRE+01]. Deutschland [MGG+95]. Deutung [Pau24a]. Development [All56, Meh73, Mor56a, Pau94a, Meh75, PRW55, Pau58a, PB58]. developments [OS00]. DF1 [Che85]. Dialog [APWB95, Fis99, MGG⁺95]. **Dialogue** [Che85, dB86, Bel99, Fis99, Gie05, Hen84, Bro86, Wes85, Bel86]. diamagnetism [Pau20b]. Diamagnetismus [Pau20b]. diatomic [Pau21a]. Dictionary [MGG⁺95]. Did [Fin92]. dielectric [Pau21a, PM26]. Dielektrizitätskonstante [Pau21a, PM26]. Dienstakten [EGO97]. differential [Nag10]. Difficulties [GM89a, GM89b, Pau47b]. Diffraction [Pau38a]. Diffusion [ARK+99]. Dimension [Pau24d]. dimensional [Bes00]. dimensions [ASG05, Hal91, PZ88]. dipole [Pau21a, PM26]. Dipolgase [Pau21a]. Dipolgasen [PM26]. Dirac Pau30c, Sch58, ASG05, BDQR11, Bel94, CV02, Dit15, GH75, Hor11, Pau32c, PS32a, PS32b, Pau33d, Pau35a, Pau36b, Pau40b, Pau43b, PJ44, Pau46a]. Diracs [Pau32c, Pau46a]. Dirac'schen [Pau35a, Pau40b, Pau33d]. direct [Han10]. Discours [Pau47d]. discovery [Gou71, Kae48]. Discussion [Pau34, Pau53c]. discussions [CCJ⁺34]. disk [BGTJ99]. disregarding [Cav00, CNT99, CNT00]. dissertation [vM00]. Dissidents [Fre15]. dissociated [Pau58h]. dissoziierter [Pau58g, Pau58h]. distorted [Bad11]. Distribution [Sto24, ZSJY82]. DM [Hen86, Sch01]. do [Mas04]. Domenico [Sch01]. Dordrecht [Che85]. Dordrecht/Boston/Lancaster [Che85]. Doublets [BU26]. doubly [JMS80]. doubly-even [JMS80]. d'ouvrages [dB86]. **Draft** [Fer34]. **dreams** [Dys02, Fis04, Fis11, Haw11]. **due** [ATY92]. durch [Pau24a, Pau56c, Pau70, Pau90a, UG25]. during [vM05a]. Dutch [Cas92, vE95]. **Dynamics** [Eck26, BNP05, HP29, HP30, Pau24d]. **Dynamik** [MGG⁺95, Pau24d]. **Dyson** [Sch58].

E. [Pau24b, Pau25a]. each [UG25]. Earlier [Pau94j, Pau91]. Earth [HEB⁺80]. Easy [Sta07]. Eckart [Eck70, Eck73]. Eddington [Pau26a]. Edited [Eis00, All56, Mor56a, Sch01]. Editor [DGB+01, Pes05]. Editorial [Pau48a]. editors [YK73]. eeuw [Cas92]. Effect [BU26, GB29, Hel67, JMS80, BG28, BBMS08, GS04, GB30, Pau23b, Pau25f, Pau47c, ZY88]. effective [SKS85]. Effects [Aoi71, Aoi73, PR36]. Effekt [GB30]. ego [PB58]. Ehrenfest [Pau33b, Pau94k]. Eidgenössischen [EGO97]. eigenfunctions [Pau39]. Eigenfunktionen [Pau39]. Eigenschaften [Hei84]. eigentlich [Bel86]. Eigenvalues [Bes00]. Eighteen [Got83]. Ein- [Pau39]. einatomigen [Fer26]. einatomiger [Pau20b]. einem [Pau24d]. Einfluss [JP52, Krö54, Pau52b, Pau25f]. Einige [Pau33a]. einiger [Pau24a]. Einstein [Ano05, ARK+99, Bro95, Eis00, GRE+01, HEB+80, Hen86, HvMW79, LM85, MGG⁺95, OSWR86, Pau24d, Pau58a, SH99, vMHW85, vM93, vM96, vM99, vM01, vM05b, Deg89, CG14, FW07, Kle05, PS32a, PS32b, Pau36a, Pau49, Pau55b, Pau58a, Pau61c, Pau65b, Pau94a, Pau94c, Pau94f, Sch49]. Einsteina [Pau65b]. Einsteins [Pau55b]. Einsteinschen [Pau24d]. einzelnen [UG25]. Elaboration [KMS80]. elastic [SHS81]. electric [Pau25e, Pau33f]. electricity [Pau19c]. Electrodynamics [Hei79b, Hei79a, Pau73a, PE00a, Esp07, JP28, Sch58]. electromagnetic [FP39b, FP39a, SG78]. **Electron** [BU26, PE57, Pau75b, SB53, Fre28, Gou71, Maj37, Pau24d, Pau25f, Pau27b, Pau32c, Pau32d, RL77, UG25, SB33]. electronic [Pau74]. Electrons [BBB+10, PBB+11, OSWR86, RS74, Sto24, ATY92, Boh26, NFG⁺91, Pau23a, Pau25c, Pau33h, Pau73b, PE00b, SB53]. elektrischen [Pau25e]. Elektrizität [Pau19c]. elektromagnetischen [FP39b]. Elektron [Pau24d]. Elektronen [Pau23a, Pau33h]. Elektronengastheorie [Fre28]. Elektronengruppen [Pau25c]. Elektronenmasse [Pau25f]. Elektronentheorie [PE57, SB33].

elektronische [Pau74]. Elektrons [Pau32c, Pau27b, UG25]. element [Pau40b, Rig02]. Elementare [Pau30b]. Elementarteilchen [Hei84]. Elementary [BH83a, HEB+80, Hei84, HP93, Pau41, Pau93, BH82, PB40, PT59]. elementary-particle [BH82]. Elemente [Fin49, Pau52c]. elementi [Fer24]. Elements [Pau940, Fer24, Fin49, Pau55c, dGPS00, Pau52c, Pau56d]. elettrone [Maj37]. Elliott [LT91, LT97, LT01, LT05]. Emission [Dir27, FP38, PF38, Pau46a, PJ44]. end [FW07]. Energiekomponenten [Pau19b]. Energies [Pec93]. Energy [GLR14, ET60, Pau19b]. engineering [BPP64]. Englisch/ConceptDraw [GRE+01]. enhanced [BLV05]. Enrico [Mil07, Ore01]. entanglement [CMM+07, Gil09]. Entropie [Pau28]. entropy [Pau28]. Entwicklung [Hei60, Pau58a]. envision [Gau14]. Enz [Coo03, Dys02, Str04a, Tel03, YK73]. epistemological [Pau54b]. Epistemology [Pau94e, Pau61b, Pau61a]. Equation [ARK+99, Pag65, ASG05, BBMS08, FF87, Mie81, NN99, Pau32c, PW34, RL77, Raj76, SS75]. Equation/Gaponenko [ARK+99]. Equations [Eck26, DC86, EP43, FP39b, FP39a, MS94, PS32a, PS32b, Pau33d, Pau40b, Sza97, Zha02, PS32a, PS32b]. equidistant [BCP89]. equilibrium [Pau23a, Pau58h]. equivalence [JW28]. Era [MGG⁺95]. Erforschung [Fis10, Fis12, MGG⁺95]. Ergänzung [Hei79a]. Ergebnisse [Pau29b, Pau30a, Pau32a, Pau33e]. Erinnerungen [Bet00, Hei60]. erkenntnistheoretische [Pau54b]. Erkenntnistheorie [Pau61b, Pau61a]. Erklärung [GRE+01]. Erkundigungsfragen [Pau33a]. Erlebtes [Pau90a]. Ernst [Pai00a, Pei60, FS06, Smu90]. erscheinenden [Pau25e]. Ersetzung [UG25]. erzählt [FS06]. Erzähltes [Pau90a]. Essay [Coo03]. Essays [Mor56a, Lau97, PRW55, SH99, Pau61b, Pau61a]. essential [Rig02]. estimates [BLV05]. était [Ano05, Kle05]. Etat [Pau53d]. etc [Sch01]. ETH [EGO97]. Ettore [EAW15]. Even [Ber06, JMS80, Woi06]. evidential [Fra04]. evolution [Fle07, Hei60]. Exact [BCP89, Mie81, NM91, vM87]. exakten [Pau29b, Pau30a, Pau32a, Pau33e]. Exchange [QS98]. excited [JMS80]. exciton [ZSJY82]. Exclusion [Bar10, BBB+10, CM30, PBB+11, Ehr27b, Ehr27a, Fre30, Hal86, JBE+00, Kap13, KLL90, Ken30, Kra09, LL79, Mar44, Pau55a, Pau64b, Pau94d, PCC10, RS74, Sta07, YS93, Fle07, Mas05, NFG⁺91, ZY88, Pau46c, Pau47d, Pau77b, Rus24, Str04b, Str07]. exclusive [Kap02]. exerted [PB27]. exhibit [YS93]. Exist [Gar63a]. Existence [Cha32b, Cha32a, Ein41, EP43]. existing [Gau14]. Expanding [BSI+82]. Expansions [FM68b, FM68a]. experienced [Pau90a]. Experiment [PBB+11, Pau94s, Pau52d, Pau52d]. Experimental [Bar10, BBB⁺10, PBB⁺11, JBE⁺00]. Experts [Ano45a]. Explanation [BU26]. exploration [Pau33a]. Extended [NN99]. extension [BDQR11, vM00]. extensions [BP03]. external [KM89, Pau23c, Pau58h, SG78].

F [Bal65, HW87]. F. [PT59]. Fachschulen [BPP64]. Fachwörterbuch [GRE+01]. Factors [Tch72, ET60]. Fail [GLR14]. Failure [Ber06, Woi06].

Faktoren [ET60]. Fall [MGG⁺95, Pau40b]. Faust [MGG⁺95]. Feinstrukturen [GB27]. Feld [FP39b]. Felde [Pau25e]. Felder [JP28, Pau24a]. Feldern [Pau23c]. Feldgleichungen [FP39b]. Feldquantisierung [Pau46a]. Feliu [GHMP87]. Fermi [Sch58, Bel94, Fre28, Mil07, Ore01, ZSJY82]. fermion [MS94]. Fermischen [Fre28]. Festschrift [Pau01]. Few [MKD⁺91]. Few-Body [MKD⁺91]. Feynman [Cav00, CNT00, Sch58, CNT99]. fiction [Cas03]. Field [Dys60, GM87, GM88, GM89a, GM89b, Pau41, PD42a, Pau43a, Pau43b, PK43a, PK43b, EP43, Enz85a, FP39b, FP39a, KP55, Lop91, Pau19b, Pau43c, PJ44, Pau46a, Pau47b, Pau53d, Pau53a, PK56, Pau73c, PE00c, SG78, SB53]. field-quantization [PJ44]. fields [Ein41, HP29, HP30, JP28, Pau23c, Pau24a, Pau25e, Pau56a, Pau58h, SS75]. Fierz [Ara90, BLV05, BNP05, DC86, HSS11]. Fifty [Gou76, Kae48, Uhl76]. Figure [vE98]. Filme [HEB⁺80]. filosofia [Lau82]. Fine [PST06, RC25, VNB08, Han10, Han11, HPPT02, GB27]. finest [PZ88]. Finland [LM85]. Finn [Ano45a]. Finnish [Lau80, Lau82]. fireballs [BSI⁺82]. First [MGG⁺95]. Fischer [FS06]. five [Pau33c, Pau33d, Pau77b]. Fixer [MGG⁺95]. Fixer/Wenske [MGG⁺95]. fiziki [PB58]. flash [Gar63b]. flip [Hel67]. Fluctuations [Aoi73, Aoi71]. Fluid [GR31]. Fock [FRKK95]. Fois [Ano05, Kle05]. Fölsing [MGG⁺95]. For.Mem.R.S. [Ano53, Kem59]. forbidden [SHS81]. Force [Fie39, Pau58h, UG25]. Force-Free [Fie39]. Forces [Pau46b, Fre28, Bor47]. Forderung [UG25]. Foreword [Boh60]. Form [Rus24, Tch72, MS94, NM91]. formation [Gau14, Krö54, Pau52b]. Formulation [Fre30, BCP89, GH75, KK73, Pau33c, Pau33d]. Formulierung [Pau33c, Pau33d]. Found [Sul62]. Foundations [Fre15, LM85, Pau47a, Ble91a, Ble91b, GR00, Hal86]. Fractals [MGG⁺95]. Fractional [Hal91]. Frage [Pau23c, Pau24a]. Franklin [Sta07]. Frederick [JG04]. Free [CRH+56, Fie39, RC53, Ein41, JP28, Pau23a, Pau33h]. freien [Pau23a]. freier [Pau33h]. French [CCJ+34, Kle05, Pau32d, PS32a, PS32b, Pau36b, Pau36a, Pau47d, Pau53d, Pau53b, Pau72b]. frequencies [Pau46a]. frequency [PJ44]. Frequenzen [Pau46a]. Friction [HEB+80]. Friedrich [ARK+99, GRE+01]. Friend [Enz94a]. Friendship [Mil09, vB10]. Functional [SZ97]. Functions [Pau38a]. fünf [Pau33c, Pau33d, Pau77b]. fusion [Rei72]. Future [Hei79b, Hei79a, Pet11].

G [Dys60, Fis99, Gie05, HW87, JP52, MM11]. G. [Pau32b]. Gabriela [Ano45a]. Galilei [MGG+95]. gallery [Pai00b]. game [vE95]. Gamow [Pau32b, Rei72]. gaps [Bes00]. gas [Fer26, Fre28, McC86, Pau27a, Pau90b]. Gase [Pau20b]. Gasentartung [Pau27a]. gases [Pau20b, Pau21a, PM26, Pau73e, PE00e, Fer26]. Gauge [OS00, Xue91]. gebunden [Sch01]. Gedankenexperiment [LM85]. gegenüber [Pau40b]. geht [Pau70, Pau90a]. Geist [vEA02]. Geisteswissenschaften [MKD+91]. Geisteswissenschaften/Vischer [MKD+91]. General [BT58, DT58, Hei84, Pau80, HGF91, Pau33g, Pau58b, ST82, ST84, ZF00].

generalization [Hal91]. Generalized [Raj76, Han11, HPPT02, PST06, Suz73, vO69]. generated [PST06]. generator [dGPS00]. genius [Gar63b, Pai00b]. geometric [Pau32c]. Geometrie [BPP64]. geometrische [Pau32c]. Geometry [DH91, BPP64]. George [Rei72]. German [Dys60, Eis00, Ano93, APWB95, BG28, BSRD+55, BPP64, Ble91b, BDR84, BDR93, BP22, Cha68, Ehr31, Ein22, EFK90, Eis91, Eis02, ET60, EM88, EGO97, Enz05, Fer26, FP38, FP39b, Fie39, Fin49, Fis99, Fis04, FS06, Fis10, Fis11, Fis12, Fre28, GB27, GB30, GP31, HP29, HP30, Hei60, Hei79b, Hei79a, Hei84, JW28, JP28, KP23, Krö54, LPB+56, Mei92, MM11, Pau19b, Pau19a, Pau19c, Pau20a, Pau20c, Pau20b, Pau21c, Pau21b, Pau21a, Pau22, Pau23c, Pau23b, Pau23a, Pau24d, Pau24a, Pau24c, Pau25d, Pau25f, Pau25e, Pau25c, PM26, Pau26b, Pau26c, Pau27a, Pau27b, PB27, Pau28, Pau29d, Pau31a, Pau32c, Pau33g, Pau33a, Pau33c, Pau33d, Pau33h, PW34, Pau35a, Pau36c, PF37, PF38, Pau39, Pau40b, Pau46a, Pau47c, Pau47e, Pau48a, Pau48b, Pau50b, PKR51, Pau52a, Pau52b, Pau52c]. German

[Pau52d, Pau54b, Pau54c, Pau55b, Pau56c, Pau56f, Pau57c, Pau57b, PE57, Pau58a, Pau58b, Pau58h, Pau58c, Pau59, Pau61d, Pau61b, Pau61a, Pau61c, Pau70, Pau74, Pau77b, Pau85a, Pau90a, PG00, Pau01, BS12, RP79, Rös91, Sch01, SB33, Tho26, UG25, ZBG30, vExx, vEA02, vdWPR52, vM68, vM05a]. gesagt" [Enz05]. Gesammelte [BDR84, BDR93, Cha68]. Geschichte [MGG⁺95, Pau52c, Pau57c, Pau61d]. **Geschwindigkeitsabhängigkeit** [Pau25f]. Gesetzen [Pau58c]. Gesetzmäßigkeiten [Pau23b]. gestörter [BP22]. Gets [Ano45a]. gewesen [Bel86]. Gewissen [EM88]. ghost [Hei56]. Giulini [Sch01]. given [Pau47d]. Gleichgewicht [Pau23a]. Gleichgewichtsgemische [Pau58g, Pau58h]. Gleichungen [Pau33d]. God [vE95]. Gödel [FW07]. Goetzberger [MGG⁺95]. Gordon [CV02]. Göttingen [Got83]. Göttinger [GRE+01]. Graded [HNPT06]. grading [Han11, HPPT02, PST06]. gradings [Han10, PZ88]. Graßmann [Pet11, Hor11]. Gravitation [Pau19c, Pau19a]. gravitational [Ein41, Pau19b, Sch99a, Sch99b]. Gravitationsfeldes [Pau19b]. Gravitationstheorie [Pau19a]. gravity [GG05]. Great [Ano58, Kae48, Lin04]. Grenzen [Hei84]. Gröbner [Ano93]. Großforschung [MGG⁺95]. ground [KK73, NM91]. Group [HP93, PT59, Pau93, Han11, Pau55a]. groups [Han10, Pau25c, Pau56e, Pau65a]. Grundkurs [MGG⁺95]. Grundlage [GRE+01]. Grundlagen [Ble91b, Pau29a, Pau31b]. guide [Boy14]. Guíxols [GHMP87]. Gürsey [PT59]. Gustav [Mei92].

H [LT91, LT97, LT01, LT05, Pau24d, Pau33f]. H. [Pau29c, Pau47a]. Haar [Pau56d]. Hahn [GRE+01, MGG+95, Ano45a]. Hahn-Meitner-Instituts [MGG+95]. Hahn-Meitner-Instituts/Fölsing [MGG+95]. Halbleiterbauelemente [OSWR86]. Halbleiterbauelemente/Stitch [OSWR86]. half [Cas83, Cas92, CS10, IiS03]. half-century [Cas92]. halve

[Cas92]. Hamiltonian [BG88, BP03, ET60, FWS+85, FM68b, FM68a, HGF91, Nou06, Pau53a, SZ97, ST82, ST84, ZF00]. Hamiltonians [CC83, CCS95]. Hamiltonoperator [ET60]. Handbook [OSWR86]. hänen [Lau80]. Haphazard [Cas83, CS10]. hardback [Coo03, Sta07]. harmony [Fis04, Fis11]. **Havlin** [MGG⁺95]. **HC** [Pau24d]. **heart** [Pau70, Pau90a]. Heat [Den27]. heaven [Cas03]. Heidelberg [Eis00, Hen86]. Heisenberg [ARK+99, BDR84, BDR93, Bro95, Eis00, GRE+01, HEB+80, Hen86, HvMW79, MGG⁺95, OSWR86, Pau31c, Sch58, vMHW85, vM93, vM96, vM99, vM01, vM05b, BC09, CP84, CG14, Hei79b, Mas04, Mie81, Pau34, Ser77, vM05a]. Heisenbergs [Hei79b, vM05a]. Heitjans [ARK+99]. Held [Meh73, CCJ⁺34, GHMP87]. helical [SS75]. Hendry [Che85, Wes85, Bro86, dB86]. Henrik [OBxx]. Herausgegeben [Eis00, Sch01]. Here [Ano45a]. Hermann [HW87, Pau19c, Cha68, Pau19c]. Hertha [BS12, BS12]. Herz [Pau90a, Pau70]. Hi [MKD⁺91]. Hi-Tech [MKD⁺91]. Hi-Tech/Scribal [MKD⁺91]. hidden [BC09, Pau53b]. Hierarchy [CV02]. Hilbert [Hei56]. Hintertreppe [Fis10, Fis12]. Historical [OS00, Str04b, Str07, GG05, GR00, GP00]. History [Enz94a, GHMP87, HW87, Pau46c, Pau85b, Pau94j, Wei88, dB86, Bag11, Fra04, KHFA67, Pau52c, Pau57c, Pau61d, Pau91]. Hochschule [EGO97]. hole [BCP89, Kal89, ZY88]. homogenen [Pau33c, Pau33d]. homogeneous [Pau33c, Pau33d]. honor [SH99]. Honored [Ano45a]. Houtermans [ARK+99]. Humanökologie [MKD+91]. Hund [Boy14, Bon81]. Hydrogen [Den27, Rig02, Pau21c, Pau22, Pau26c]. Hyperfeinstruktur [GP31, ZBG30, GB30]. Hyperfine [GB29, GB30, GP31, ZBG30]. Hypothese [UG25]. Hypothesis [Pau85a, UG25, Gau14].

Idea [Pau94m, Bro78]. ideal [Fer26]. idealen [Fer26]. Ideas [AvMMH+07, GHMP87, Pau94g, Pau94e, AP06, Ble91a, Ble91b, Krö54, Pau52b, Pau54b, vM68]. Idee [Pau48a, Pau50b]. Ideen [Ble91b, Pau54b, vM68]. identical [Fer24, Mil07]. identici [Fer24]. ihre [Pau74]. **ihrer** [Pau24a]. **II** [ARK+99, BT58, DT58, Eis00, HW87, Hei84, OSWR86, Pau33d, vMHW85, vM99, Goe49, GP31, HP30, Hei56, Hei84, LD68, Pau33d, SB53]. III [BDR93, BT58, Bro95, DT58, Eis02, Hei84, vM93, vM01, Hei84]. im [ET60, FP39b, Fis99, Pau25e, Pau25c, Pau40b]. impact [AF14]. Impenetrability [Ehr27b, Ehr27a]. implementation [Bad11]. implications [RC88]. Importance [Mar44, SOCg82]. important [Str00]. Impressionen [Pau61c]. Impressions [Pau94f, Pau61c]. incarnation [vE95]. including [Ano64, SS98]. incorporating [ST82, ST84]. increase [Pau28]. indefinite [Pau58d]. independent [Kap02]. induction [Mas04]. inequalities [BH09, Suz73]. inequality [CP84]. Infinitesimalrechnung [BPP64]. Influence [Pau94g, Krö54, Pau24a, Pau25f, Pau52b, SKS85, ZSJY82]. Information

[Bon81]. Ingenieur [BPP64]. Ingenieur- [BPP64]. inhibited [CP93].

Innere [MGG⁺95]. inneren [UG25]. innermost [Gie05]. innocence [FW07]. ins [MGG⁺95]. institut [CCJ⁺34]. Institute [CCJ⁺34, Ano45a]. Instituts/Fölsing [MGG⁺95]. integrals [HGF91, ZF00]. intelligenten [GRE+01]. Intensität [Pau33h]. Intensitäten [Pau25e]. intensities [Pau25e]. intensity [Pau33h]. Interaction [DET74a, DET74b, HEB⁺80, Pec93, Hei84, KM89]. **Interactions** [PH45, KS81, KMS80, PD42b, SKS85]. interferometers [YS93]. interior [Pla89]. intermediate [Cav00, CNT99, CNT00]. internal [UG25]. International [BT58, DT58, GHMP87, Meh73, CCJ+34]. Interpretation [CM30, Hug89, JP55, Pec93, Bon81, Pau24a, vM85]. Interpretations [Deg89]. Introduction [Enz94b]. invariance [Pau40b]. Invariant [PV49]. Invarianz [Pau40b]. invented [Enz82]. inventory [KHFA67]. Ion [HEB⁺80, Pau21c, Pau22]. ions [NM91]. ISBN [Bro86, Che85, Coo03, Dys02, Hen86, Str04a]. Isospin [HP93, Pau93]. Isotopic [Pau53c]. Isotropico [Gul54]. Issues [Wes85, Pau33a]. Italian [Fer24, Fer34, Maj37, Pau58e]. Italy [GR00, Meh73]. iuber [Pau51d]. IV [ARK+99, BT58, DT58, Eis00, Eis02, Pau51d, vM96, vM99, vM01, vM05b]. IV/Teil [ARK⁺99].

J [HW87]. J. [OBxx, Pau33f]. ja [Lau80, Lau82]. Jahr [Pau85a, Pau01]. Jahre [RP79, Sti77, vM05a]. jedes [UG25]. Joensuu [LM85]. John [Bro86, Wes85, dB86, Che85]. Jonathan [Ber06]. Jordan [Pau30b, Sch58, Deg89, Sch99a, Sch99b]. journalist [BS12]. Journalistin [BS12]. June [LM85]. Jung [APWB95, AF14, Fis99, MGG+95, Mei92, MM11, Sch02, APWB95, Fis99, GP00, Gie05, Lin04, Mei92, Mil09, Mil10, MM11, vE95, vB10]. Jung-Dialog [APWB95]. just [EFK90].

K. [vM90]. kabbalists [Kev00]. Källén [Hei56, Nel72, Pag65, Raj76]. Karl [Eis00, HW87, Sch01, Bro95]. Kastler [Ano85]. Kausalitat [Pau36c]. Kepler [JP52, Krö54, Pau52b, Pau94g, Krö54]. kernel [Gie05]. Kernmoment [BG28]. Kernphysik [Fis04, Fis11, Pau35b]. Kinetic [QS98, Pau73e, PE00e]. Kirche [MGG⁺95]. kirjeensä [Lau80]. Kirschner [OSWR86]. Klassiker [EFK90]. Klassische [Pau33c]. Klein [Sch58, CV02]. kleiner [Pau46a]. kleinsten [Fis10, Fis12]. Knobloch [MGG⁺95]. Knowledge [Sta07, Cas03]. known [PB40]. Koch [HEB+80]. Kohäsionskräfte [Fre28]. Kohn [QS98]. Kombinationslinien [Pau25e]. Kometenschweifen [PB27]. kommentiert [Sch01]. Komplementaritat [Pau50b, Pau48a]. Komplexstruktur [Pau25c]. Komplexstrukturterme [Pau23c]. Konferenz [Pau56c]. Koordinaten [Pau33c, Pau33d]. Korrespondenzprinzip [Pau24b]. kosmischen [MM11]. Kosmos [Fis04, Fis11]. kräftefreier [Fie39]. Kraftfeldern [Pau58g, Pau58h]. Kristallen [Pau25d]. Kriterium [Pau39]. Kronig [Bal65]. Kunz [HEB+80]. kvantovoi [Pau75a, Pau77a]. kvantovuyu [Pau65b].

L [All56, Mor56a, Pau24d]. ladungsfreier [JP28]. Lamb [Sch58]. Lanczos [FF87]. Langenscheidts [GRE+01]. langwelliger [FP38, PF38]. Laser [OSWR86]. laureate [Ano64, SS98]. Laurikainen [vM90, Gie90]. law [Gau14, Sza97, Woi06]. Laws [Ber06, Pau94u, Pau23b, Pau33c, Pau33d, Pau58c]. leap [Fis10, Fis12]. Leben [ARK⁺99, MGG⁺95, BS12]. Lecce [GR00]. Lecture [Pau47d]. **Lectures** [YK73, Ano64, LM74, Pau61b, Pau61a, SS98, MKD⁺91, PE57]. Lee [KP55, Raj77]. legend [Sta80]. Lehr [BPP64]. Lehr- [BPP64]. Lehrbuch [HEB+80]. Leipzig [vM05a]. Leipziger [vM05a]. L'électron [Pau32d]. lengths [Nou06]. lepton [Pau57a]. Letter [Ein79, Pau30d, Hei79b]. Letters [DGB+01, Pes05, Sch02, Lau80, MEF01, vM68]. Level [Coo03, NM91]. Levels [Sto24]. Li [GP31, PK56, GP31]. Lichtes [Pau20a]. Lichtquant [Pau24d]. Lichtquanten [Pau24d, FP38]. Lichtquanten. [PF38]. Lie [PZ88]. Lieb [LT91, LT97, LT01, LT05]. Life [MGG⁺95, Dys02, BS12]. **Light** [Pau38a, Sta80, FP38, Pau20a, Pau24d, PF38]. **Limit** [BBB⁺10, PBB⁺11, GH99, Ara90, BNP05, KLL90]. **Limiting** [Pau43a]. Limits [BMT99, Cas03, Hei84]. Lindner [MGG⁺95]. line [Pau40b]. lines [Pau24a, Pau25e, RC25]. Linienelementes [Pau40b]. Literature [Ano45a]. lives [Coo03]. livre [Ano05]. Local [GM87, GM88, GM89a, GM89b, Pau53a, YS93]. local-realism [YS93]. logic [Boy14]. London [Ber06, Dys60]. long [FP38, PF38]. long-wave [PF38]. long-wavelength [FP38]. Lorentz [Pau29c, Ehr31, Pau31a, Pau55a]. Lorentzmedaille [Ehr31, Pau31a]. Lösung [MGG⁺95]. Lösung/Meÿenn [MGG⁺95]. love [CG14]. Low [McC86, PJ44]. Low-temperature [McC86]. lower [Pau46a]. LS [Pau24d]. Lubanski [Łop91]. Ludwig [Eis91, Eis91].

M [Pau30c]. M. [Pau25b, Pau30b, Pau34]. Mach [Smu90]. Made [Pei92, Cli87, Haw11]. Magnetic [BU26, Pau75b, Pau24a, Pau27b, Pau32d, Pau33f, SS75]. magnetique [Pau32d]. magnetische [Pau24a]. magnetischen [Pau27b]. Magnetism [Pau75b, Pau32d]. magnetisme [Pau32d]. magnetized [BGTJ99]. magneton [Pau20c, Pau20c]. Mai [Fis99]. Majorana [Esp07, EAW15]. Make [Fin92]. making [Bel99]. man [Ore01]. Managing [MKD+91]. many [Sch58]. MAPLE [Bay96]. March [Pau31b]. Martin [ARK+99]. Mass [JBE+00, Ein41, FWS+85, NFG+91, Pau25f, Pau40b, Pau53c]. mass-velocity [FWS+85]. Massimi [Kra09, Sta07]. massless [DC86]. master [FF87]. matematicheskoi [PK56]. Materie [MGG⁺95, vEA02]. Materie/Brandmüller [MGG⁺95]. Materiewellen [Pau33d]. Mathematical [ARK+99, BT58, DT58, EAW15, KP55, Pau35a, PK56, Pau36b]. Mathematics [HW87, Pau85b, Scu07b, Ano93, BPP64, Rös91]. Mathematik [Ano93, BPP64, Rös91]. mathématiques [Pau36b]. mathematischen [Pau35a]. mathematischer [Pau26a]. matrices

[BH09, Han11, HPPT02, PZ88, Pau35a, Pau36b, PST06]. Matrix [ST84, Kij72, KK73, ST82, dGPS00]. Matrizen [Pau35a]. Matter [ARK+99, DL67, Ehr27b, Ehr27a, LD68, Pau54a, Pau94h, AP06, LT91, LT97, LT01, LT05, Pau33d, Wei70, vEA02]. Matter/Friedrich [ARK+99]. matters [Rei72]. Max [Fis10, Fis12, Fis10, Fis12, MKD+91]. Maximal [BH09]. Maxwell [Scu07a, Sza97]. May [AvMMH⁺07, Fis99]. Mayer [PS32a, PS32b]. Meaning [APWB95]. Means [BU26]. mécanique [Pau53b]. Mechanical [Ser77, BP22, Kap02]. Mechanics [Bel86, Bro86, Che85, Fre15, Hei79a, Hug89, Pau47d, Pau47e, Pau94d, Scu07c, dB86, vdW67, ACD90, GR00, Hei60, Hen84, PM26, Pau26c, Pau27b, Pau28, Pau33g, Pau33a, PF37, Pau39, Pau53b, Pau56e, Pau58b, Pau64b, Pau65a, Pau73d, Pau73f, Pau80, PE00d, PE00f, Set09, Wes85, dlPA71, vdW68, vM85, Pau47a, Pau30c, Pau56d]. **Mechanik** [GRE+01, Pau47e]. mechanischer [BP22]. Medaille [BT58, DT58]. Medal [Pau31a, Ehr31]. media [Pau20a]. Medien [Pau20a]. Mediziner [HEB+80]. Mediziner/ Hermann [HEB⁺80]. Meeting [CCJ⁺34, GHMP87, Lin04]. mehr [EFK90]. Meier [Pes05, Sch02]. mein [Pau70, Pau90a]. Meitner [MGG⁺95]. Memorial [Ano60a, FW60, Rei72]. Memories [Gle86, Wei85, Hei60]. Men [Cli87]. menswording [vE95]. Mercer [FW07]. Mercury [Pau19a]. Merkurperihelbewegung [Pau19a]. Meson [PD42a, Pau43a, PK43a, PK43b, Pau46b, Pau43c, Bor47]. mesotron [PD42b]. message [Lau97]. Metal [SZ97]. Metalle [SB33]. metals [SB33, SB53]. Method [Pau43b, Pec93, BDQR11, PJ44, Pau47c, ST82, ST84]. Methode [Pau47c]. methodological [Set09]. metric [Pau58d]. Meyenn [Bro95, Eis00, GRE+01, HEB+80, HW87, Sch01, ARK+99, MGG+95]. Michela [Sta07, Kra09]. might [Gou76]. Miller [vB10]. mind [AP06]. minds [Lin04]. minimal [Nou06]. Minnesord [Kle59]. Miramare [Meh73]. Mises [Ano93]. Mistral [Ano45a]. Mitwirkung [Sch01]. Mixed [PK43a, PK43b]. mixtures [Pau58h]. Model [Joh33, Ara90, BCP89, BNP05, HSS11, KP55, Pau21c, Pau22, Raj77, ST82, ST84, Suz73, ZSJY82]. Modeling [ARK+99]. Modeling/Origin [ARK+99]. Modell [Pau21c, Pau22]. Modern [APWB95, LM85, Pau94r, Str08, dB86, EFK90, OS00, Pau36c, Uns00]. moderne [APWB95, MGG⁺95, Uns00]. modernen [EFK90, Pau36c]. Modified [BG88, Pec93]. möglich [Hei79a]. molecular [Pau21c, Pau22]. Molecule [Den27]. Molekülions [Pau21c]. moment [BG28, CG14]. Momenta [Kra65]. moments [Bag11]. monatomic [Fer26, Pau20b]. Monte [AvMMH⁺07]. most [Haw11, Str00]. motion [ZSJY82]. Mott [MKD⁺91]. Moving [GR31, Pau20a, Pau33h]. multiparticle [ZY88]. Multispinor [DC86]. Mushrooming [Wei88]. Must [Gar63a]. my [Pau70, Pau90a]. mystery [Scu07a]. mystical [Deg89]. Mysticism [Scu07b]. mystics [Scu07a].

Några [Kle59]. nach [Fin49, MM11, PM26]. Nachtträume [Fis04, Fis11]. Nanocrystals [ARK⁺99]. Nanocrystals/Gershenfeld [ARK⁺99]. narrated [Pau90a]. National [RW94]. Natur [MKD+91]. Natur-[MKD⁺91]. Natural [Pau94e, Boy14, Pau52a, vdWPR52, Pau54b]. Nature [ARK⁺99, JP55, Meh73, Nat03, Pau33c, Pau33d]. Naturerklärung [JP52]. Naturgesetze [Pau33c, Pau33d]. Naturwissenschaften [Pau29b, Pau30a, Pau32a, Pau33e, Pau52a, vdWPR52]. Naturwissenschaftliche [Pau54b]. naturwissenschaftlicher [JP52, Krö54, Pau52b]. natuurkunde [Cas92]. Neu [Sch01]. neuen [Pau26c, Pau28]. neueren [Pau57c, Pau61d]. Neutrino [Ano56, CRH+56, GLR14, Mor56b, Pau85a, Pau94j, RC53, Sul62, Win91, Bro78, Enz82, Pau57c, Pau61d, Pau77b, Pau91, Pau77b]. Neutrinohypothese [Pau85a]. Neutrinos [Gar63a, Nat03, Bon05, Fra04, Pau57c, Pau61d]. **Neutron** [Cha32b, Cha32a]. neutrons [Bon05, SS75, MKD⁺91]. Neutrons/Belyaev [MKD⁺91]. nicht [ET60]. Nichtlineare [MGG⁺95]. Niels [KP55, Mor56a, OBxx, Pau45a, PRW55, PB58, Pau94i, All56, Mor56a]. Nil [PB58]. Nil'su [PB58]. NMR [SZ97]. No [Enz02, Sta07, HSS11, Tel03, Coo03, Dys02, Str04a]. no-binding [HSS11]. Nobel [Enz05, Pau47d, Ano45a, Ano45b, Ano64, dVNHdVH53, dVNHdVH71, Pau45b, Pau47d, SS98]. Nobelpreisträgers [Enz05]. Nomenclature [BT58, DT58]. Nomenclature/Additions [BT58, DT58]. Non [GP00, Ein41, EP43, Pau53a, ZF00, Coo03]. non-existence [Ein41, EP43]. non-local [Pau53a]. non-orthogonal [ZF00]. Non-separability [GP00]. non-specialist [Coo03]. non-vanishing [Ein41]. noncommuting [ET60]. nonlinear [Mie81]. nonrelativistic [Ara90]. Norton [vB10]. Note [Den27, BDQR11, GG05]. notes [Dvs60]. novel [Pau72b]. Novau [Pau34]. noyaux [CCJ⁺34]. Nuclear [ARK⁺99, Jen00, Kra65, MGG⁺95, Pau46b, Bor47, Fis04, Fis11, Gou61, Kae48, PD42b, vO69, BG28]. Nuclei [Ell48, Goe48, Goe49, CCJ⁺34, JMS80, KK73, vO69]. **Nucleon** [GRE+01, ACD90]. nucleon-alpha [ACD90]. Nucleon/Sube [GRE+01]. Nucleons [GH99, BMT99, LL79, NFG⁺91]. Nucleus [DET74a, DET74b, DL76, SSF82, SHS81]. nucleus-nucleus [SSF82, SHS81]. Nullpunktsenergie [ET60]. Number [Mil09, VNB08, vB10, MM11]. nur [EFK90]. **NUT** [CV02].

o [Bro95, PK56]. obéissant [Pau36a]. obeying [Pau36a]. Obituary [Pau33b, Ano59b, Lan59b, Lan59a, Pau51b, Pau51c]. Object [GR31]. Objection [LM17]. Objekten [GRE+01]. obsession [Mil10]. Occasion [Mor56a, KP55, PRW55]. October [CCJ+34, Ehr31, GR00]. octobre [CCJ+34]. Oktober [Ehr31]. old [Pau57c, Pau61d]. onde [Pau53b]. One [FM68b, FM68a, Cas03, Pau39]. One- [FM68b, FM68a, Pau39]. only [PD42b]. open [GR00]. Opening [Pau56c]. Operations [BT58, DT58]. Operator [Eck26, BLV05, Bes00, GS04, Hen81b, Lop91]. operators

[CV02, IiS03]. Oppenheimer [Sch58, OBxx]. Optical [ARK+99, Rus24]. Optics [PE57, Pau73b, PE00b, Pau32c]. Optik [PE57, Pau32c, Pau51d]. Optoelektronische [OSWR86]. Oral [Wei88]. orbitals [Boy14, ZF00]. order [GB27]. Origin [Kra09, Sta07, Mas05]. Original [BDR93]. Originalarbeiten [BDR93]. origins [OS00, Set09]. Ornstein [Pau24d]. orthogonal [ZF00]. oscillating [Bon05]. Oscillations [Fra05]. oscillator [Pau47c]. Österreichische [Ano93]. Oscillatorenstärken [Pau47c]. other [MGG+95, Rei72]. Otto [Ano45a, GRE+01]. overlapping [YS93]. Oxford [Coo03, Dys02, Str04a].

P [Coo03, Dys02, Pau25a, Pau30b, Str04a, Tel03, YK73]. P. [Pau30c, Pau35b]. Paarläufe [FS06]. pages [Eis00, Sch01, vB10]. Pair [PH45, FS06, PCC10]. pairing [BCP89]. Pais [Pau53c]. paper [Dit15, Pau34]. Papers [KW64, Pau64a, BDR84, Eur69, Eck70, Eck73, Haw11, OBxx, Sch58, BDR93, Bal65]. parafermionic [CP93]. Paramagnetism [Aoi73, Aoi71, Pau27a, Pau90b]. Paramagnetismus [Pau27a]. paramètres [Pau53b]. paranormal [Deg89]. Part [BDR93, Eis02, vM96, vM99, vM01, vM05b, Eis00, GP31, Pau33c, Pau33d]. participants [Pau30d]. Particle [ARK+99, BH83a, BH83b, BCP89, BH82, GG05, Gau14, Kal89, KS81, SG78]. particle-hole [BCP89, Kal89]. Particles [Fie39, Hei84, HP93, Pau41, Pau93, FP39b, FP39a, Fis10, Fis12, Mil07, PB27, Pau36a, PB40, PT59, Raj77, SP77, dlPA71]. particules [Pau36a]. partly [SHS81]. Paschen [GB30, GB29, GB30]. Passage [Pei85b]. past [Pet11]. path [SH99]. Paul [Enz94a, Pau33b, Pau94k]. Pauli [All56, Ano53, APWB95, ARK+99, AvMMH+07, AF14, Bal65, Bel86, Ble91b, Bro86, Bro95, Cav00, Che85, CNT00, CP84, Dvs60, Ehr31, Ein22, Ein79, EFK90, Eis91, Eis00, EM88, EGO97, Enz05, FWS+85, Fie59, Fis99, Fis04, Fis11, FM68b, Fre28, GRE+01, HEB+80, HW87, Hei59, Hen86, HvMW79, Kem59, Krö54, MGG⁺95, Mei92, Mie81, MM11, Mor56a, BS12, Pei60, Pes05, Sch01, Sch02, Sch58, ST84, Sta07, Uns00, Wes85, YK73, dB86, vEA02, vB10, vMHW85, vM93, vM96, vM99, vM01, vM05a, vM05b, ASG05, ATY92, AP80. ACD90, Ano45a, Ano45b, Ano58, Ano59a, Ano59b, Ano60a, Ano60b, Ano85, Ano93, Deg89, Aoi71, Aoi73, Ara90, APWB95, AP06, BC09, Bad11, BGTJ99, BCP89, Bar10, BLV05, BG88, Bar79]. Pauli [BMT99, BBB+10, BSI+82, Bay96, BNP05, Bes00, Bet72, Bet00, Ble91a, Ble91b, BS73, BT58, BH09, Bon81, BP03, Bor47, BBMS08, Boy14, CC83, CMM⁺07, CCS95, CM30, Coo03, CV02, CP92, CP93, CNT99, PBB⁺11, DT58, Dit15, DC86, DET74a, DET74b, DL76, DPS97, DGB+01, Dys02, Eur69, Ehr27b, Ehr27a, Ehr31, Ein22, EFK90, Eis91, Eis02, Enz73, Enz82, Enz85a, Enz85b, EM88, Enz94a, Enz94b, EvM94, EGO97, Enz02, Enz05, Esp07, FW07, FW59, FW60, FRKK95, Fin92, Fin49, Fis99, Fis04, Fis11, Fle07, FM68a, Fra05, Fre28, Fre30, FF87, Gar63a, GS04, GP00, Gie05, Gla01, Gle86, Gou61, GM87, GM88, GM89a, GM89b, GH99, GH75, Hal91, Hal86, Han10, Han11,

HPPT02, Hei56, Hel67, Hen81a, Hen84, HGF91, HSS11, Hor11, HNPT06]. Pauli [HP70, IiS03, JBE+00, Joh33, JMS80, JW28, Kac74, Kal89, Kap02, Kap13, KLL90, Ken30, Kij72, KS81, Kle59, KM89, Kra09, Kra65, Krö54, KW64, KMS80, Lan59b, Lan59a, Lau80, Lau82, Lau85b, Lau85a, Lau88, Lau97, LM17, LM74, Lin04, LL79, Lop91, Mas04, Mas05, McC86, MEF01, MKD⁺91, Mey04, Mil09, Mil10, MM11, MS94, NM91, Nag10, NMS84, Nel72, NN99, NFG⁺91, Nou06, Pag65, Pai00a, PZ88, BS12, Pec93, Pei85a, Pei92, PST06, Pla89, PCC10, QS98, RC88, RL77, Raj76, RS74, RP79, SSF82, SOCg82, SZ97, Sch99a, Sch99b, SS75, ST82, Scu07b, Scu07c, Ser77, Set09, Smo87, Smu90, SHS81, SKS85, Sta80, Str00, Str08, Sza97, Ter65, Uns00, Wei85, Xue91, YK73, YS93, ZF00, Zha02, ZY88, ZSJY82, dGPS00]. Pauli [vE95, vE98, vExx, vEA02, vM00, vM68, vM85, vM87, vMS01, vM05a, vO69, Coo03, Dys02, Gie90, Sti77, Str04a, Tel03, vM90]. Pauli-algebra [Bay96]. Pauli-allowed [FRKK95]. Pauli-correct [KS81]. Pauli-equation [SS75]. Pauli-Fermischen [Fre28]. Pauli-forbidden [SHS81]. Pauli-Jung-Dialog [MGG⁺95]. Pauli-Prinzip [Fin49]. Pauli-Type [SZ97]. Pauli/Falk [MKD⁺91]. Pauli/Jung [Pes05, MEF01]. Paulis [vExx, vM68]. Paulische [JW28]. Addition [BT58, DT58]. Additions [BT58, DT58]. Belyaev [MKD⁺91]. Boston [Che85]. Brosche [HEB⁺80]. ConceptDraw [GRE⁺01]. Dürr [GRE+01]. Elster [MKD+91]. Falk [MKD+91]. Frenkel [ARK+99]. Friedrich [ARK+99, MKD+91]. Fritzsch [MKD+91]. Gaponenko [ARK⁺99]. Gershenfeld [ARK⁺99]. Grosse [ARK⁺99]. Haas [HEB⁺80]. Hermann [HEB⁺80]. Ignatovich [MKD⁺91]. Jung [Pes05, MEF01]. Kärger [ARK⁺99]. Kay [MKD⁺91]. Kraus [GRE⁺01]. Lancaster [Che85]. Laurikainen [MKD⁺91]. Lehmann [HEB⁺80]. Max-Planck-Medaille [BT58, DT58]. Misprints [BT58, DT58]. Mladjenovic [ARK⁺99]. Olson [HEB⁺80]. Origin [ARK⁺99]. Paul [OSWR86]. Pauli [OSWR86]. Peacock [ARK⁺99]. Rath [GRE⁺01]. Scribal [MKD⁺91]. Stitch [OSWR86]. Sube [GRE+01]. Teil [ARK+99]. Thomas [GRE+01]. Vischer [MKD+91]. Weise [GRE+01]. Pergamon [Dys60]. perihelion [Pau19a]. Periodensystem [Fin49]. **Periodic** [Pau940, Fin49, Pau55c, SB53, Pau52c]. **periodischen** [Pau52c]. Personal [Uhl76, Wei85]. perspective [GP00]. Perturbation [Pau24c]. Peter [Ber06]. Phänomen [Pau57b]. Pharmazeuten [HEB+80]. phase [Suz73]. Phenomena [Pau57b]. phenomenological [EAW15]. Phenomenon [Pau941]. Philosopher [Hen81a, Sch49, Enz85b]. Philosopher-Scientist [Sch49]. Philosophic [Pau47a]. Philosophical [AvMMH+07, Gie90, Mar44, MKD+91, Pau94m, vM90, GP00, Lau88, Pau50b]. philosophische [Pau50b]. philosophy [EvM94, Lau82, Lau85a, Sce16]. Photograph [GR31]. photon [Pau24d]. Photonen [Pau46a]. photons [PJ44, Pau46a]. Photovoltaik [MGG⁺95]. Photovoltaik/Lindner [MGG⁺95]. **Physical** [BT58, DT58, HW87, Pau85b, Pau94l, Pau57b, Woi06]. Physicist [Ano58, Pei85b, Enz85b, Meh73]. Physicists [Eis91, Cli65, Cli87, Kev00]. Physics [Ano45b, ARK+99, BM04, BS73, BT58, BH83a, BH83b, DT58, DH91, Gil09,

LM85, Meh73, MKD⁺91, Mor56a, Pau45b, Pau94a, Pau94n, Pau94r, Pau94u, Str08, Wes85, Ano93, Deg89, Ble91a, Ble91b, BH82, Cas92, Cli87, Dys02, EFK90, EM88, EvM94, EAW15, FW60, Fis04, Fis11, Gam66a, Gam66b, Gam72, Gam85, GHMP87, GP00, Gie05, Haw11, dVNHdVH53, dVNHdVH71, Kae48, KHFA67, McC86, Meh75, Pau36c, Pau54c, PRW55, Pau58a, PB58, Pau58c, Pau61b, Pau61a, RG76, SS98, Str00, Str11, Uns00, Win91, Ano64, Ber06, CCJ⁺34, Pau47d, All56, YK73]. **Physics/Grosse** [ARK⁺99]. Physics/Peacock [ARK+99]. Physik [Ano93, GRE+01, HEB+80, MGG+95, Pau51d, Pau61b, Pau61a, Sti77, Ble91b, EFK90, EM88, MKD⁺91, Pau36c, Pau54c, Pau58a, Uns00, Pau29c]. Physik-Lehrbuch [HEB+80]. Physik/Vilenkin/Shellard [MGG+95]. Physikalische [Pau57b]. physikalischen [Pau31c, Sti77]. Physiker [Eis91, MKD⁺91]. Physiker/Kay [MKD⁺91]. physique [CCJ⁺34, Pau47d]. pierces [Pau70, Pau90a]. pilot [Pau53b]. pilot-wave [Pau53b]. pilote [Pau53b]. **Pion** [Bet72, DET74a, DET74b, DL76]. **Pion-Nucleus** [DET74b]. pioneering [vM68]. Pittsburgh [Sta07]. Planck [BT58, DT58, Fis10, Fis12, MKD⁺91, CG14, Fis10, Fis12]. plane [IiS03, MKD⁺91]. Plaschko [MGG⁺95]. Plato [Scu07b]. platonic [Cas03]. Podolsky [LM85]. Poincaré [IiS03]. point [ET60]. Polarization [PR36, SG78]. Polarized [OSWR86]. Poles [HP70]. politics [Sch99a, Sch99b]. polya [PK56]. Pontecorvo [Bon05]. Portrait [Smo87, Pai00b]. Positron [PR36, Maj37]. positrone [Maj37]. Possible [BU26, Cha32b, GM87, GM88, GM89a, GM89b, ATY92, CP92]. Postscript [Pau93]. postulate [Kap02]. posvjascennyj [PB58]. Potential [QS98, KM89, NM91, Nag10, NMS84, SOCg82, SB53]. potentials [KS81, ST82, ST84]. **Pp** [Che85, Coo03, Hen86, Sta07, Bro86, Dys60, Dys02, Str04a]. practice [BPP64]. Prague [Smu90]. Präsident [Pau56c]. Prediction [GLR14]. Preface [Enz94a]. Prejudice [RG76]. prescription [Cav00, CNT99, CNT00]. presence [BBMS08, Nou06]. Present [Hei79b, Hei79a]. presentation [Ano64, SS98]. President [Pau56c]. Press [Coo03, Dys60, Dys02, Sta07, Str04a]. **pressure** [PB27]. **price** [Dys02, Str04a]. Primas [MGG⁺95]. Princeton [Ano45a]. Principle [Cav00, CNT00, Kra09, Kra65, Mar44, Pau94d, Sta07, BGTJ99, Bon81, CP93, Fle07, JMS80, Kal89, Kap02, Mas05, NFG⁺91, Pau38b, Pau55a, Pau64b, Pla89, SKS85, ZSJY82, ATY92, AP80, ACD90, Bar10, BMT99, BBB+10, Bet72, CMM+07, CM30, CP92, CNT99, PBB+11, DET74a, DET74b, DL76, Ehr27b, Ehr27a, Fin49, Fre30, GM87, GM88, GM89a, GM89b, GH99, Hal91, Hal86, HP70, JBE+00, Joh33, Kap13, KLL90, Ken30, KMS80, LL79, McC86, Pau46c, Pau47d, Pau77b, PCC10, RC88, RS74, Rus24, Str04b, Str07, YS93, vO69, Kra09]. Principles [BT58, DT58, Pau30c, Pau33g, Pau58b, Pau80]. **Prinzip** [JP52, Fin49]. Prinzipien [Pau31c, Pau33g, Pau58b]. prix [Pau47d]. Prize [Ano45b, Enz05, Pau45b, Pau47d, Ano45a, dVNHdVH53, dVNHdVH71].

Prizes [Ano45a]. Probability [Pau94n, Pau52a, vdWPR52, Pau54c].

Problem [Fre28, GG05, PJ44, Pau53b, PCC10]. problème [Pau53b].

problems [Pau56a]. proceedings [GHMP87]. Process [Pau43a]. processes [Hel67, ST82, ST84]. product [Han10, Han11, PST06]. Production [HEB+80, BSI+82]. Production/Olson [HEB+80]. Prof [Ano45b]. Prof. [Ano53, Ano58, Kem59]. Professor [ARK+99, Ehr31, Ano38, Ehr31, KP55]. program [HGF91, ST82, ST84, ZF00]. prohibition [JW28]. prononcé [Pau47d]. proof [Kac74]. propagation [Pau20a]. Properties [ARK+99, Hei84, CCJ+34, IiS03]. proposed [KMS80]. propriétés [CCJ+34]. Proved [Kap13]. Pseudoscalar [PD42a, PK43a, PK43b]. Psyche [JP52, JP55]. psychology [Gie05]. Publication [Pau01]. Publisher [Enz94a]. Publishing [Bro86, Che85]. Pure [BT58, DT58]. Pursuit [Sta07, Mil10]. Pythagoras [Scu07b]. Pythagorean [Scu07a].

Quadrapole [Pau74]. quanta [FP38, Pau24d, PF38]. Quantelung [BP22, Fer26]. Quantendynamik [HP29]. Quantenelektrodynamik [Hei79b, Hei79a, JP28]. Quantenmechanik [GRE+01, Hei79a, Pau27b, Pau33a, Hei60, PM26, Pau26c, Pau28, PF37, Pau30b, Pau31b]. Quantenmechanik/Thomas/Weise [GRE+01]. Quantenphysik [GRE+01]. Quantensprung [Fis10, Fis12]. Quantentheorie [HP30, Pau29a, Pau20c, Pau26b, Pau48b, Pau55b, Pau31c]. quantique [Pau36a, Pau53d, Pau53b]. quantiques [Pau32d]. Quantisierung [PW34]. Quantitative [BLV05]. Quantities [BT58, DT58]. Quantities/Addition [BT58, DT58]. Quantization [Pau43b, BP22, Fer24, Fer26, PW34, PJ44, Pau46a, Pau47b, Pau73c, PE00c, Pau53c]. quantized [Pau56a]. quantizzazione [Fer24]. Quantum Bel86, Bel99, Bro86, Che85, Dir27, Eck26, Fre15, Gil09, GM87, GM88, GM89a, GM89b, Hei79b, Hei79a, Hug89, Pau25a, Pau47a, Pau47d, PV49, Pau75b, Pau94c, Pau94d, Pau94q, Scu07c, Wes85, dB86, vdW67, ACD90, Deg89, Bag11, Cli65, Cli87, CG14, Fis10, Fis12, Gam66a, Gam66b, Gam72, Gam85, GR00, GP00, Gie05, Haw11, HP29, HP30, Hei60, Hen84, JP28, Kap02, KHFA67, Lop91, PM26, Pau26c, Pau27b, Pau28, Pau30c, Pau33a, Pau36a, PF37, Pau48b, Pau49, Pau53d, Pau53b, Pau55b, Pau56e, Pau64b, Pau65a, Pau65b, Pau80, Sch58, Scu07a, Set09, Str11, dlPA71, vdW68, vM85, Pau20c, Pau26b, Pau32d]. Quarks [GH99]. quenching [BSI+82]. Quest [vExx]. Queste [vExx]. question [Pau23c, Pau24a]. questioners [Cli65]. Questions [Scu07c, GR00]. **Quon** [GH99].

R [Bal65]. Radiation

[Dir27, HEB+80, BNP05, Pau23a, PB27, Pau29d, Pau33h]. Radioaktivität [Pau32b]. Radium [Kae48]. Raggi [Fer34]. Random [Web73]. Rapports [CCJ+34]. Rarita [DC86]. Raum [Pau36c]. rays [Fer34, Pau25d]. razvitie [PB58]. Reactions [Kra65, vO69]. Real [Ano56]. realism [YS93]. Realität [Pau57b, MKD+91]. Reality

[Pau94l, Rös91, Cas83, Cas92, CS10, Eis91, Lau85b, Pau57b]. really [Fra04]. realm [Kae48]. Reason [Ken30]. Reborn [Gil09]. Rebuilding [Fre15]. receiving [Pau47d]. recently [KMS80]. réception [Pau47d]. Reciprocal [Ehr27b, Ehr27a]. Recollections [Pei85b]. Recommendations [BT58, DT58, BT58, DT58]. Recommendations/Additions [BT58, DT58]. Reflection [Pau94u, Pau55a, Pau58c, SS75]. Regge [HP70]. regime [HSS11]. regular [EP43]. Regularization [PV49, Xue91]. Reichenbach [Pau47a]. Reidel [Bro86, Che85, Wes85]. Rejection [Ser77]. relating [UG25]. Relation [Ehr27b, Ehr27a, Boy14, KM89, Pau25c]. relativiste [Pau36a]. Relativistic [Fie39, Pau41, PV49, SZ97, EP43, FP39b, FP39a, Lop91, MS94, PW34, Pau36a]. relativistische [FP39b, Fie39]. relativistischen [PW34]. Relatività [Pau58e]. Relativitätskongreß [Pau01]. Relativitätstheorie [Pau56c, Sch01, Ein22, Pau21b, Pau26a, PG00]. Relativity BU26, Pau01, Sch01, Hor11, Pau21b, Pau56c, Pau58e, Pau58f, Pau81, Pau94t, PG00, Dys60, Ein22]. relevant [Pau33a]. Remark [Fin92, Pei92, Pau53c]. Remarks [PR36, Pau46c, Pau56a, Pau20b, Pau56c, Pau53b]. Remarques [Pau53b]. remembered [Bar79]. Remembering [Bet00]. Remembrance [Gla01]. Reminiscence [Mey04]. reminiscences [Kle59, Uhl76]. renormalizable [KP55, PK56]. renormalization [Pau56a, Pau53d]. renormiruyemoi [PK56]. Replacement [UG25]. Reply [CNT00]. Report [PT59, KHFA67, Hei84]. Reports [CCJ⁺34]. representation [Tho26]. reprints [Eur69]. residual [Pau25d]. resolution [Gau14]. Response [Pau31a]. rest [Pau40b]. restriction [Kij72]. Reststrahlen [Pau25d]. Review [Bal65, Bel86, Ber06, Bor47, Bro86, Bro95, Che85, Coo03, Dys60, Dys02, Gie90, HW87, Hen86, Kra09, Mor56a, Pau24b, Pau25b, Pau25a, Pau26a, Pau29b, Pau29c, Pau30a, Pau30b, Pau30c, Pau31b, Pau31c, Pau32a, Pau32b, Pau33e, Pau33f, Pau35b, Pau47a, Pau51d, Pau56d, Pes05, Sch02, Sta07, Sti77, Str04a, Tel03, Wes85, YK73, vB10, vM90, BDR84, Ein22, Eis02]. reviews [BSRD+55, LPB+56, PKR51]. Revolution [Kae48, Bel99, Kle05, Ano05, Kle05]. **Rezension** [Eis00, Eis02]. Rezensionen [MKD⁺91]. Richard [Ano93]. Rigorous [BNP05]. Riss [BS12, Pau70, Pau90a]. Robert [Kem94]. Role [Str04b, Str07, Pau52a, SHS81, vdWPR52]. **Rolle** [Pau52a, vdWPR52]. roman [Pau72b]. Röntgen [MGG⁺95]. Room [Ano60a]. roots [Pau58d]. Rosbaud [Enz94a]. Rosen [LM85]. Rosenfeld [All56, Mor56a]. Rotation [HEB⁺80]. Rotation/Haas [HEB⁺80]. route [Bel94]. Ruhm [MKD⁺91]. Ruhmasse [Pau40b]. rule [Bon81, Boy14]. rule-set [Boy14]. runs [FS06]. Russell [FW07]. Russian [Pau38b, PK56, PB58, Pau65b]. Rutherford [Sch58]. Rydberg [Pau55c, Pau94o].

S [Pau24d, Pau26a, PB58]. Said [Enz05]. Sambursky [Sti77]. Sant [GHMP87]. satellite [Pau24a]. Satelliten [Pau24a]. satisfying [Kij72]. saturation [SKS85]. Savart [Sza97]. sbornik [PB58]. Scalar [PH45, SZ97, Esp07, PW34]. Scalar- [PH45]. scattered [Pau33h].

Scattering [Bet72, ACD90, DL76, Hen81b, SSF82, SHS81]. SCF [Pec93]. Schaltungen [Pau74]. scheme [Xue91]. Schicksal [ARK+99]. Schicksal/ Kärger [ARK⁺99]. Schlapp [Kem94]. Schlußwort [Pau56c]. schoolroom [Hor11]. schools [BPP64]. Schriftstellerin [BS12]. Schrödinger [ARK+99, CCS95, Deg89, BC09, CC83, GH75, MS94, NN99, vM85]. Schucking [SH99]. Schumacher [HEB⁺80]. schwachen [Pau23c]. schwarzen [Pau29d]. Schwinger [DC86]. Science [Ano56, APWB95, AvMMH+07, MGG+95, MKD+91, Pau94e, Pau94p, Pau94t, RW94, Sta07, Web73, Wei88, dB86, AP06, Cas83, CS10, FW07, FS06, Pai00b, Pau56c, Sce16, Pau56f, Pau59]. Science/Goetzberger/Voß/Knobloch [MGG+95]. Sciences [HW87, Pau54b, Pau85b, Pau52a, vdWPR52]. Scientific [Bal65, BDR84, Bro95, Coo03, Eis00, Enz73, GHMP87, Hen86, HvMW79, Kra09, KW64, Pau64a, Pau94g, Sta07, Tel03, vMHW85, vM93, vM96, vM99, vM01, vM05b, Ble91a, Ble91b, BDR93, Cas03, Dys02, Eur69, Enz02, Haw11, Krö54, Mas05, Mil10, Pau52b, RP79, Str04a, vM68, Eis02]. Scientist [Sch49]. Scientists [MKD⁺91, Sce16, Str11]. Scope [Coo03]. search [MM11, Woi06]. Sector [Nel72]. Seems [GLR14]. sein [Ble91b, EGO97]. seine [APWB95, Ble91b, MGG⁺95, Pau52a, vdWPR52]. **Seiten** [Eis00, Sch01]. Selbstbiographie [MKD+91]. Selbstbiographie/Laurikainen [MKD+91]. selecta [LT91, LT97, LT01, LT05]. Selected [Pau73c, PE00c, Sch58]. self [BP03]. self-adjoint [BP03]. Semiconductor [ARK⁺99]. semidesjatiletiem [PB58]. sense [Fis99]. separability [GP00]. separable [KS81, Zha02]. sept [Ano05, Kle05]. September [Ein79, GHMP87, JG04, Meh73, Pet11]. **septième** [CCJ⁺34]. Seriendarstellung [Tho26]. Series [BDR84, BDR93, Pau38a, Tho26]. Service [EGO97]. set [Bov14]. seven [Kle05, Sce16]. seven-times [Kle05]. Seventh [CCJ⁺34]. Seventieth [Mor56a]. Sham [QS98]. shell [KK73]. Shellard [MGG⁺95]. Shells [Ell48, Goe48, Goe49]. Shielding [SZ97]. Shmuel [Sti77]. shook [Gam66a, Gam66b, Gam72, Gam85, Haw11]. Significance [Pau94m, Pau50b]. similarity [Pau40b]. simmetrica [Maj37]. simple [PZ88]. since [Meh75]. Single [GR31, Boy14]. singularities [Ein41]. Sinn [Fis99]. sistemi [Fer24]. skalaren [PW34]. Sketches [RP79]. Skizzen [RP79]. slow [Bon05]. small [CP92]. smallest [Fis10, Fis12]. Socialism [RW94]. Software [ARK⁺99, GRE⁺01]. solenoids [GS04]. Solid [BM04]. Solid-State [BM04]. Solids [HEB+80]. Solution [Eck26, FF87, Nel72, Pag65, SS75]. solutions [EP43, Mie81]. solvable [CC83, CCS95]. Solvay [CCJ⁺34, Meh75, CCJ⁺34]. Some [Kle59, Pau38b, OS00, Pau24a, Pau33a]. Sommerfeld [Pau51d, Ano38, Pau48b, Pau51a, Pau51b, Pau51c, Pau94b, Pau94q, Set09]. Sommerfelds [Pau48b]. Sonnenenergie [MGG⁺95]. Sources [KHFA67, Pau85b, vdW67, vdW68, HW87]. sous [CCJ⁺34]. Space [Pau94r, Enz85a, FRKK95, Hei56, Pau55a, Pau36c]. **space-time** [Pau55a]. spacing [BCP89]. Spain [GHMP87]. special [Hor11]. specialist [Coo03].

Specific [Den27]. Spectra [Rus24, Boh26, KP23, Pau25c]. Spectral [IiS03, Bes00, Pau24a]. Spectrometry [JBE+00, NFG+91]. spectroscopic [Mas04]. spectrum [Gau14, GB27, Pau26c, RC25, Tho26]. Speech [Ehr31]. speeches [Ano64, SS98]. Spektrallinien [Pau24a]. Spektren [Pau25c]. spel [vE95]. Spiegelungs [Pau58c]. Spiegelungs-Symmetrien [Pau58c]. Spin [Bur58, FP39b, Fie39, Gul54, LZ58, Pau40a, PH45, Tch72, Tom97, Ara90, BH09, Del61, DC86, DPS97, FP39a, Gou61, Gou71, Gou76, Hel67, Pau50a, Pau53c, SG78, SP77, Uhl76, dlPA71]. spin-boson [Ara90]. Spin-Dependent [PH45]. spin-flip [Hel67]. spin-statistics [DPS97]. Spinning [Boh26]. spinor [Mie81]. spirit [vEA02]. spiritual [Scu07c]. Springer [Eis00, Hen86, Sch01]. Stability [DL67, LD68, LT91, LT97, LT01, LT05]. staircase [Fis10, Fis12]. Standpoint [Pau94e, Pau26c, Pau28]. Standpunkt [Pau26c, Pau28]. Stark [Pau47c]. Starkeffekt [Pau47c]. starken [Pau23c]. Stars [Str04b, Str07, LT91, LT97, LT01, LT05]. State [BM04, Nel72, BCP89, CNT00, Kal89, KK73, NM91, Pau53d, ZY88]. states [Cav00, CNT99, FRKK95, Hei56, JMS80, SHS81]. stationary [EP43]. Statistical [Pau73d, PE00d, PB40, Pau56d, Pau47e]. Statistics [Bur58, GH99, LZ58, Pau40a, Bel94, CP92, Del61, DPS97, Hal91, Pau36a, Pau50a]. statistique [Pau36a]. Statistische [Pau47e]. steps [Wei70]. still [Kae48]. Stochastic [dlPA71]. Störungstheorie [Pau24c]. Story [Tom97, Bag11, Esp07, Gam66a, Gam66b, Gam72, Gam85]. **Stoßes** [Pau24d]. Strahlenablenkung [Pau19a]. Strahlung [Pau23a, Pau29d]. Strahlungsdruck [PB27]. Strange [Mil09, vB10]. Street [FW07]. strengths [Pau47c]. Streustrahlung [Pau33h]. String [Ber06, Woi06]. Strings [MGG⁺95]. Strong [PD42a, PD42b, PH45, KMS80, Pau23c, Pau43c]. Structure [CCJ+34, GRE+01, GB29, Hug89, Pau34, QS98, VNB08, Boh21, Boh26, GB27, GB30, GP31, KP55, Pau23c, Pau25c, Pau53a, PK56, PT59, Wei70, ZBG30, CCJ+34]. structures [RC25, SS75]. strukturye [PK56]. Studies [dB86]. study [Fis10, Fis12]. stuff [Haw11]. subgroup [dGPS00]. substructure [ATY92]. Suche [MM11]. Sucher [MKD⁺91]. suitable [BG88]. sulla [Fer24]. Sun [Pla89]. Sündermann [HEB⁺80]. Superconducting [Aoi73, Aoi71]. Superficial [ATY92]. Supersymmetric [ACD90, Lop91]. supersymmetries [NN99]. supplementary [Dys60]. Surfaces [OSWR86]. Surfaces/Paul [OSWR86]. susceptibilities [Pau33f]. susceptibility [Hel67]. svjazi [PB58]. Swedish [Kle59]. Switzerland [AvMMH+07]. Symbols [BT58, DT58]. Symbols/Additions [BT58, DT58]. symmetric [Fin49]. Symmetrical [Maj37]. Symmetrien [Pau58c]. Symmetries [Pau94u, ASG05, DC86, Han10, Pau58c, PST06, vM87, GHMP87]. symmetrisches [Fin49]. symmetry [Xue91]. Symposium [Meh73, LM85]. synchronicity [GP00]. Synchronizität [JP52]. Synchrotron [HEB+80]. System [Pau940, NMS84, Pau55c]. Systeme [MGG⁺95, BP22]. Systeme/Bunde/Havlin [MGG⁺95]. Systems [GH99, Pau52c, BP22, Fer24, FRKK95, KM89, SOCg82, MKD+91].

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[AF14]. toeval [Cas92]. Tomonaga [Sch58]. Toomer [HW87]. topics [Pau73c, PE00c]. Topological [MGG⁺95]. total [Ein41]. Transformation [Nel72]. transformations [Pau40b]. Transition [SZ97, Suz73]. Translated [Dys60]. Translation [Enz94a]. transmission [SS75]. Triad [Kev00]. Trieste [Meh73]. Trudy [Pau75a, Pau77a]. true [Cas03]. Tübingen [Pau30d]. Twentieth [FW60]. Twins [Sul62]. Two [FM68b, PCC10, ASG05, Bes00, FM68a, GS04, Kij72, Lin04, MS94, NM91, Pau39]. two- [NM91]. Two-Center [FM68b, FM68a]. Two-Cooper-pair [PCC10]. two-dimensional [Bes00]. two-fermion [MS94]. two-matrix [Kij72]. two-valuedness [Pau39]. Type [SZ97, PZ88, RL77].

U [GRE+01, ARK+99, HEB+80, MGG+95, MKD+91, OSWR86]. u.a [Hen86, HvMW79, vMHW85, vM93, vM96, vM99, vM01, vM05b]. u.a. [Eis00]. U.I.P [BT58, DT58]. Übersichtsartikel [BDR84]. Übungsbuch [BPP64]. Ultracold [MKD+91]. ultraviolet [BNP05]. Unbewussten [Pau54b]. unbounded [Kae48]. uncertainty [CG14]. Unconscious [Pau94e, Pau54b]. underdetermination [Mas04]. unfragmented [Boy14]. Unify [Ber06]. Union [BT58, DT58]. unitaire [PS32a, PS32b]. unitarity [CP92]. unitary [PS32a, PS32b]. Units [BT58, DT58]. Units/Misprints [BT58, DT58]. unity [Woi06]. University [Coo03, Dys02, EGO97, Sta07, Str04a]. unknown [Esp07, NM26, PB40, vdW73]. unmechanical [UG25]. unmechanischen [UG25]. Unmechanischer [Ser77]. unspeakable [Lau97]. upper [IiS03, KLL90]. upper-half [IiS03]. Uranspaltung [GRE+01]. US\$60.00 [Dys02, Str04a]. Useful [CMM+07]. Using [Boy14, JBE+00, YS93]. usw [Sch01].

V [All56, Bal65, Gie90, Mor56a, vM90, PB58, Pau65b, Bay96]. Validation [Kra09, Sta07, Mas05]. Validity [Cav00, CNT99, CNT00, FWS+85, LL79]. Valued [Ano45a]. valuedness [Pau39]. values [Pau47c]. vanishing [Ein41, Pau40b]. variable [Sch99a, Sch99b]. variables [BC09, Pau53b]. variational [BG88]. varying [SS75]. Vector [Joh33, PK43a, PK43b, PH45, BPP64]. Vector-Pair [PH45]. Vectors [Nel72]. Vektorrechnung [BPP64]. Velocity [GR31, FWS⁺85, Hen81b, Pau25f]. Verantwortung [GRE⁺01]. Verhaltens [UG25]. Verita [AvMMH⁺07]. Verlag [Sch01]. Verleihung [Ehr31, Pau31a]. Verletzung [Pau58c]. verschwindender [Pau40b]. Version [GRE+01]. versus [CP84, Sza97]. vertauschbarer [ET60]. Vertrieb [ARK⁺99]. via [FF87]. Victor [HW87, JG04]. Vierpoltheorie [Pau74]. view [Mil07]. views [Ano85, Eis91]. viii [Coo03]. Vilenkin [MGG⁺95]. Villars [Xue91]. Violation [BBB+10, PBB+11, GM87, GM88, GM89a, GM89b, GH99, Pau94u, ATY92, BMT99, BH09, CP92, CP93, Pau58c, RC88]. Violations [Pla89, KLL90, YS93]. VIP [BBB+10, PBB+11]. virial [Nag10]. Visit [DGB+01]. Vklad [Pau65b]. Vleck [Pau33f]. Vol [Bro95, Eis02, OSWR86].

Volume [Eis00, HW87, HvMW79, vMHW85, vM93, vM96, vM99, vM01, vM05b, FW60, Rei72, BPP64]. vom [Pau26c, Pau28, Pau54b, UG25, Fis99]. Vorlesungen [Pau25b, Pau29c, Pau51d, PE57]. Vorsstellungen [JP52]. Vorstellungen [Krö54, Pau52b]. Vorträge [BDR84, Pau61b, Pau61a]. Voß [MGG⁺95].

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Hei59, Hen86, HvMW79, Kle59, KW64, Lan59b, Lan59a, Lau80, Lau82, Lau85b, Lau85a, Lau88, Lau97, Mei92, Mey04, Mil09, Pai00a, Pei60, RP79, Sch01, Smu90, Str00, Str08, Ter65, Uns00, YK73, vE98, vExx, vEA02, vM00, vMHW85, vM93, vM96, vM99, vMS01, vM01, vM05b]. Work [Enz73, Ble91a, Ble91b, Dys02, Enz85a, Pau24d, BS12, Pet11]. Works [BDR84, Cha68, BDR93, EGO97, Pau77b]. world [Del72, Fis04, Fis11, Haw11]. Wörterbuch [MGG+95]. writer [BS12]. Writings [EvM94]. Wrong [Ber06, Fin92, Pei92, Woi06].

X [Bro86, Che85]. xi [Bro86]. xii [Sta07]. xiv [Sta07]. XV [Sch01]. xxix [Hen86]. xxv [vB10].

Year [Pau85a, Pau01]. Years [ARK+99, LM85, Enz82, Gam66a, Gam66b, Gam72, Gam85, Gou76, Kae48, RP79, Uhl76, vM05a]. York [Dys60, Dys02, Eis00, Hen86, Str04a, vB10].

Zahl [MKD+91, MM11]. Zeeman [BG28, BU26, Pau23b, Pau25f]. Zeemaneffekt [BG28, Pau25f]. Zeemaneffektes [Pau23b]. Zeichnen [GRE+01]. Zeilinger [Fis10, Fis12]. Zeit [Hei60, Pau36c, Pau70, Pau90a, BS12]. Zero [ET60]. Zero-point [ET60]. Zufall [Fis99]. zukunftige [Hei79b, Hei79a]. Zum [Pau77b, Fis99, Fis04, Fis10, Fis11, Fis12]. Zuordnung [Pau23c]. Zur [Pau24d, Ehr31, GRE+01, Pau35a, Pau47c, Pau48b, Pau55b, Pau01, Fer26, FP38, GP31, HP29, HP30, JP28, KP23, Pau19c, Pau21a, Pau23c, Pau24a, Pau27b, PF38, Pau57c, Pau58g, Pau58h, Pau61d, ZBG30]. Zürich [EGO97, EGO97]. Zusammenarbeit [vM05a]. Zusammenfassung [Pau56c]. Zusammenhang [Pau25c]. Zusammenhänge [JP52, JP52]. Zwang [UG25, Ser77]. zweiatomiger [Pau21a]. Zweideutigkeit [Set09]. Zweiwertigkeit [Pau39]. zwischen [Fis99, Fis04, Fis11, Pau23a, Pau24d].

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Carsten Jensen. Controversy and Consensus: Nuclear Beta Decay 1911–1934, volume 24 of Science networks historical studies. Birkhäuser, Cambridge, MA, USA; Berlin, Germany; Basel, Switzerland, 2000. ISBN 3-0348-9569-0 (paperback), 3-7643-5313-9 (hardcover), 3-0348-8444-3 (e-book). xv + 217 pp. LCCN QC793.5.B425 J46 2000. URL http://www.springerlink.com/content/978-3-0348-8444-0. Carsten Jensen died of cancer a few months after presenting his doctoral dissertation in 1990 at the University of Copenhagen. Finn Aaserud, Helge Kragh, Erik Rüdinger, and Roger H. Stuewer produced this book as a slightly edited version of that work, supplying additional figures, but leaving the prose largely untouched.

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J. David Jackson and Kurt Gottfried. Victor Frederick Weisskopf: September 19, 1908-April 22, 2002. Biographical memoirs — National Academy of Sciences of the United States of America, 84:372-398, 2004. CODEN BMN-SAC. ISBN 0-309-52419-9. ISSN 0077-2933. URL http://www.nap.edu/catalog.php?record_id=10992; http://www.nap.edu/catalog/10992.html.

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[JP52]

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C. G. (Carl Gustav) Jung and Wolfgang Pauli. The Interpretation of nature and the psyche, volume 51 of Bollingen series. Pantheon Books, New York, NY, USA, 1955. vii + 247 pp. LCCN BF1033 .N385. English translation by R. F. C. Hull of [JP52].

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N. Kemmer. Prof. Wolfgang E. Pauli, For.Mem.R.S. *Nature*, 183 (4668):1089, April 18, 1959. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v183/n4668/pdf/1831089a0.pdf.

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Nicholas Kemmer. Robert Schlapp (1899-1991). In Wolfgang Pauli: Writings on physics and philosophy [EvM94], pages 7-12. ISBN 3-540-56859-X (Berlin), 0-387-56859-X (New York). LCCN QC6.2 .P38 1994. URL http://www.loc.gov/catdir/enhancements/fy0812/94015098-d.htm.

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Khireddine Nouicer. Pauli-Hamiltonian in the presence of minimal lengths. *Journal of Mathematical Physics*, 47(12):122102, December 2006. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v47/i12/p122102_s1.

Oppenheimer:19xx:JRO

[OBxx]

J. Robert Oppenheimer and Niels Bohr. J. Robert Oppenheimer papers (1799–1980) (bulk 1947–1967) and Niels Henrik David Bohr papers. 19xx. ???? pp. LCCN 0456G; Vault 0202A; Microfilm 16,646-1P. URL http://hdl.loc.gov/loc.mss/eadmss.ms998007.

Orear:2001:EFM

[Ore01]

Jay Orear. Enrico Fermi, the man. Il Nuovo Saggiatore, 17(5–6): 30–38, September/December 2, 2001. ISSN 0393-4578 (print), 1827-6148 (electronic). URL http://prometeo.sif.it:8080/papers/online/sag/2001/05-06/pdf/05.pdf. Special issue in honor of the centennial of the birth of Enrico Fermi.

ORaifeartaigh:2000:GTH

[OS00]

Lochlainn O'Raifeartaigh and Norbert Straumann. Gauge theory: Historical origins and some modern developments. *Reviews*

of Modern Physics, 72(1):1-23, January 2000. CODEN RM-PHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL http://link.aps.org/doi/10.1103/RevModPhys.72.1; http://rmp.aps.org/abstract/RMP/v72/i1/p1_1.

Oechsner:1986:BKP

[OSWR86]

H. Oechsner, A. Schlachetzki, H. Walther, and H. Rechenberg. Buchbesprechungen: Kirschner: Polarized Electrons at Surfaces/Paul, Teubner: Optoelektronische Halbleiterbauelemente/Stitch, Bass: Laser Handbook, Vol. 4/Pauli: Wissenschaftlicher Briefwechsel mit Bohr, Einstein, Heisenberg u. a.: Teil II: 1930–1939. *Physikalische Blätter*, 42(7):252–253, July 1986. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/phbl.19860420726/abstract.

Pagnamenta:1965:SKP

[Pag65]

Antonio Pagnamenta. Solution of the Källén-Pauli equation. Journal of Mathematical Physics, 6(6):955-965, June 1965. CO-DEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v6/i6/p955_s1.

Pais:2000:WEP

[Pai00a]

A. Pais. Wolfgang Ernst Pauli. In *The genius of science: a portrait gallery* [Pai00b], pages 210-262. ISBN 0-19-850614-7 (hardcover). LCCN Q141.P29 2000. URL ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/; http://www.loc.gov/catdir/toc/fy02/99046603.html.

Pais:2000:GSP

[Pai00b]

Abraham Pais. The genius of science: a portrait gallery. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 2000. ISBN 0-19-850614-7 (hardcover). 356 pp. LCCN Q141 .P29 2000. URL ftp://uiarchive.cso.uiuc.edu/pub/etext/gutenberg/; http://www.loc.gov/catdir/toc/fy02/99046603.html.

Pauli:1919:MSW

[Pau19a]

W. Pauli, Jr. Merkurperihelbewegung und Strahlenablenkung in Weyls Gravitationstheorie. (German) [Mercury perihelion and beam deflection in Weyl's theory of gravitation]. *Verhandlungen*

der Deutschen Physikalischen Gesellschaft, 21(21–22):742–750, ???? 1919.

Pauli:1919:EGG

[Pau19b] W. Pauli, Jr. Über die Energiekomponenten des Gravitationsfeldes. (German) [On the energy component of the gravitational field]. *Physikalische Zeitschrift*, 20(1):25–27, January 1, 1919. CODEN PHZTAO. ISSN 0369-982X. URL http://hdl.handle.net/2027/mdp.39015009220727.

Pauli:1919:TGE

[Pau19c] Wolfgang Pauli, Jr. Zur Theorie der Gravitation und der Elektrizität von Hermann Weyl. (German) [On the theory of gravitation and electricity of Hermann Weyl]. *Physikalische Zeitschrift*, 20(20):457–467, October 15, 1919. CODEN PHZ-TAO. ISSN 0369-982X. URL http://hdl.handle.net/2027/mdp.39015009220727.

Pauli:1920:ALB

[Pau20a] W. Pauli. Die Ausbreitung des Lichtes in bewegten Medien. (German) [The propagation of light in moving media]. *Mathematische Annalen*, 82(1-2):113–119, 1920. CODEN MAANA3. ISSN 0025-5831 (print), 1432-1807 (electronic).

Pauli:1920:TBD

[Pau20b] W. Pauli. Theoretische Bemerkungen über den Diamagnetismus einatomiger Gase. (German) [Theoretical remarks on the diamagnetism of monatomic gases]. Zeitschrift für Physik, 2(3): 201-205, June 1920. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01328724; http://www.springerlink.com/content/g02112j464g43j6h/fulltext.pdf.

Pauli:1920:QMG

[Pau20c] Wolfgang Pauli, Jr. Quantentheorie und Magneton. (German) [Quantum theory and magneton]. *Physikalische Zeitschrift*, 21 (21-22):615-617, November 1-15, 1920. CODEN PHZTAO. ISSN 0369-982X. URL http://hdl.handle.net/2027/mdp. 39015086723080?urlappend=%3Bseq=681.

Pauli:1921:TDZ

[Pau21a] W. Pauli. Zur Theorie der Dielektrizitätskonstante zweiatomiger Dipolgase. (German) [On the theory of the dielectric constant of

diatomic dipole gases]. Zeitschrift für Physik, 6(1):319-327, December 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327993; http://www.springerlink.com/content/p50pg1rp96013676/fulltext.pdf.

Pauli:1921:RGT

[Pau21b]

Wolfgang Pauli. Relativitätstheorie. (German) [Theory of Relativity]. In Arnold Sommerfeld, editor, Encyklopädie der mathematischen Wissenschaften, volume 5(2), pages iv + 540–775. B. G. Teubner, Stuttgart, Germany; Leipzig, Germany, 1921. LCCN ???? URL http://resolver.sub.uni-goettingen.de/purl?PPN360709672. Foreword by Arnold Sommerfeld. New Edition with Preface and Additions (1958), with English [Pau58f] and Italian [Pau58e] translations.

Pauli:1921:BMW

[Pau21c]

Wolfgang Pauli. Über das Modell des Wasserstoff-Molekülions. (German) [On the model of the hydrogen molecular ion]. Dr. phil. thesis, Ludwig-Maximilians-Universität München, Munich, Germany, 1921.

Pauli:1922:MWG

[Pau22]

W. Pauli. Über das Modell des Wasserstoffmolekülions. (German) [On the model of the hydrogen molecular ion]. *Annalen der Physik* (1900), 373(11):177–240, 1922. ISSN 1521-3889. Journal publication of Pauli's thesis [Pau21c].

Pauli:1923:TGZ

[Pau23a]

W. Pauli, Jr. Über das thermische Gleichgewicht zwischen Strahlung und freien Elektronen. (German) [On the thermal equilibrium between radiation and free electrons]. Zeitschrift für Physik, 18(1):272-286, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327708; http://www.springerlink.com/content/28h14wq1m6k67844/fulltext.pdf.

Pauli:1923:GAZ

[Pau23b]

W. Pauli, Jr. Über die Gesetzmäßigkeiten des anomalen Zeemaneffektes. (German) [On the laws of the anomalous Zeeman effect]. Zeitschrift für Physik, 16(1):155–164, December 1923.

CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327386; http://www.springerlink.com/content/v77p5184406p8135/fulltext.pdf.

Pauli:1923:FZK

[Pau23c]

W. Pauli, Jr. Zur Frage der Zuordnung der Komplexstrukturterme in starken und in schwachen äußeren Feldern. (German) [On the question of assignment of the complex structure terms in strong and in weak external fields]. Zeitschrift für Physik, 20(1):371-387, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327950; http://www.springerlink.com/content/q115q8ttg15k8351/fulltext.pdf.

Pauli:1924:FTD

[Pau24a]

W. Pauli. Zur Frage der theoretischen Deutung der Satelliten einiger Spektrallinien und ihrer Beeinflussung durch magnetische Felder. (German) [On the question of the theoretical interpretation of some satellite spectral lines and their influence by magnetic fields]. Naturwissenschaften, 12(37):741–743, September 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL http://link.springer.com/article/10.1007/BF01504828; http://www.springerlink.com/content/q414121432406233/fulltext.pdf. See [GB27, BG28] for the first, and independent, interpretation of experimental data for the hyperfine structure of bismuth as being due to a nuclear magnetic moment (spin). See [Gou61] for corrections to the confusing and often misattributed history of the discovery of [electron and nuclear] spin.

Pauli:1924:BRB

[Pau24b]

Wolfgang Pauli. Book review: E. Buchwald, *Das Korresponden*zprinzip. *Naturwissenschaften*, 12(??):??, ???? 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1924:SGP

[Pau24c]

Wolfgang Pauli. Störungstheorie. (German) [Perturbation theory]. In ????, editor, *Physikalisches Handwörterbuch*, pages 752–756. Berliner und Scheel, ????, 1924. LCCN ????

Pauli:1924:BAD

[Pau24d]

W. Pauli, Jr. Bemerkungen zu den Arbeiten Die Dimension der Einsteinschen Lichtquanten und Zur Dynamik des Stoßes zwischen einem Lichtquant und einem Elektron von L. S. Ornstein und H. C. Burger. (German) [Comments on the work "The dimension of Einstein's light quanta and on the dynamics of the collision between a photon and an electron" by LS Ornstein and HC Burger]. Zeitschrift für Physik, 22(1):261–265, December 1924. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01328129; http://www.springerlink.com/content/wh618655kn066784/fulltext.pdf.

Pauli:1925:BRP

[Pau25a]

Wolfgang Pauli. Book review: E. P. Adams, *The Quantum theory. Naturwissenschaften*, 12(??):412–413, ???? 1925. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1925:BRM

[Pau25b]

Wolfgang Pauli. Book review: M. Born, Vorlesungen über Atommechanik. 1. Teil. Naturwissenschaften, 13(??):487–488, ???? 1925. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1925:ZAE

[Pau25c]

Wolfgang Pauli. Über den Zusammenhang des Abschlusses der Elektronengruppen im Atom mit der Komplexstruktur der Spektren. (German) [On the relation of the completion of groups of electrons in the atom with the complex structure of spectra]. Zeitschrift für Physik, 31(1):765-783, February 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF02980631; http://www.springerlink.com/content/20w1m0vr050j033r/lulltext.pdf. This is the paper in which Pauli introduced the famous Exclusion Principle, for which he received the Nobel Prize in Physics 1945 [Pau45b].

Pauli:1925:ARK

[Pau25d]

Wolfgang Pauli. Über die Absorption der Reststrahlen in Kristallen. (German) [On the absorption of residual rays in crystals]. Verh. Dtsch. Phys. Ges. (3), 6(??):10–11, ???? 1925.

Pauli:1925:IIE

[Pau25e]

Wolfgang Pauli. Über die Intensitäten der im elektrischen Felde erscheinenden Kombinationslinien. (German) [On the intensities of the combination lines appearing in electric fields]. *Dan. Mat. Fys. Medd.*, 7(3):??, ???? 1925.

Pauli:1925:EGE

[Pau25f]

Wolfgang Pauli, Jr. Über den Einfluß der Geschwindigkeitsabhängigkeit der Elektronenmasse auf den Zeemaneffekt. (German) [On the influence of the velocity dependence of electron mass on the Zeeman effect]. Zeitschrift für Physik, 31(1):373-385, February 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10. 1007/BF02980592; http://www.springerlink.com/content/le6631774u53u8841/.

Pauli:1926:BRE

[Pau26a]

Wolfgang Pauli. Book review: A. S. Eddington, Relativitätstheorie in mathematischer Behandlung. Naturwissenschaften, 14(??):273–274, ???? 1926. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1926:QGQ

[Pau26b]

Wolfgang Pauli. Quantentheorie. (German) [Quantum theory]. In ????, editor, *Handbuch der Physik*, volume 23, pages 1–278. Geiger and Scheel, ????, 1926. LCCN ????

Pauli:1926:WSN

[Pau26c]

W. Pauli, Jr. Über das Wasserstoffspektrum vom Standpunkt der neuen Quantenmechanik. (German) [On the hydrogen spectrum, from the standpoint of the new quantum mechanics]. Zeitschrift für Physik, 36(5):336-363, May 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01450175; http://www.springerlink.com/content/n14x167240x812ru/fulltext.pdf.

Pauli:1927:GPG

[Pau27a]

W. Pauli, Jr. Über Gasentartung und Paramagnetismus. (German) [On gas degeneracy and paramagnetism]. Zeitschrift für Physik, 41(6–7):81–102, June 1927. CODEN ZEPYAA. ISSN

0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01391920; http://www.springerlink.com/content/n25735226785627j/fulltext.pdf.

Pauli:1927:QME

[Pau27b]

W. Pauli, Jr. Zur Quantenmechanik des magnetischen Elektrons. (German) [On the quantum mechanics of the magnetic electron]. Zeitschrift für Physik, 43(9-10):601-623, September 1927. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01397326; http://www.springerlink.com/content/ww10g288m777t400/fulltext.pdf.

Pauli:1928:TAE

[Pau28]

Wolfgang Pauli. Über das H-Theorem vom Anwachsen der Entropie vom Standpunkt der neuen Quantenmechanik. (German) [On the H-theorem of entropy increase from the standpoint of the new quantum mechanics]. In ????, editor, Probleme der modernen Physik, Arnold Sommerfeld zum 60. Geburtstage, gewidmet von seinen Schülern. (German) [Problems of modern physics, Arnold Sommerfeld's 60th Birthday, dedicated by his students], pages 30–45. ????, Leipzig, Germany, 1928. LCCN ????

Pauli:1929:AGQ

[Pau29a]

Wolfgang Pauli. Allgemeine grundlagen der quantentheorie des atombaues. In *Müller-Pouillets Lehrbuch*, volume 2(2), pages 1709–1842. ????, ????, 11 edition, 1929. LCCN ????

Pauli:1929:BRB

[Pau29b]

Wolfgang Pauli. Book review: Ergebnisse der exakten Naturwissenschaften. Band 7. Naturwissenschaften, 17(??):257–259, ???? 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1929:BRH

[Pau29c]

Wolfgang Pauli. Book review: H. A. Lorentz, Vorlesungen über theoretische Physik. Naturwissenschaften, 17(??):279, ???? 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1929:TSS

[Pau29d] Wolfgang Pauli. Theorie der schwarzen Strahlung. (German) [Theory of black-body radiation]. In ????, editor, Müller-Pouillets Lehrbuch, volume 2(2), pages 1483–1553. ????, ????, 1929. LCCN ????

Pauli:1930:BRB

[Pau30a] Wolfgang Pauli. Book review: Ergebnisse der exakten Naturwissenschaften, Band 8. Naturwissenschaften, 18(??):568–570, ???? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1930:BRM

[Pau30b] Wolfgang Pauli. Book review: M. Born and P. Jordan, *Elementare Quantenmechanik. Naturwissenschaften*, 18(??):602, ???? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1930:BRP

[Pau30c] Wolfgang Pauli. Book review: P. A. M. Dirac, *The principles of quantum mechanics. Naturwissenschaften*, 19(??):188, ???? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1930:LTC

[Pau30d] Wolfgang Pauli. Letter to Tübingen conference participants. Web document., December 4, 1930. English translation in [Bro78, page 27].

Pauli:1931:AVL

[Pau31a] Wolfgang Pauli. Antwort bei Verleihung der Lorentzmedaille. (German) [Response in the Lorentz Medal Ceremony]. *Proc. Acad. Sci. Amst.*, 40(??):125–126, ???? 1931.

Pauli:1931:BRM

[Pau31b] Wolfgang Pauli. Book review: A. March, Die Grundlagen der Quantenmechanik. Naturwissenschaften, 19(??):867, ???? 1931. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1931:BRW

[Pau31c] Wolfgang Pauli. Book review: W. Heisenberg, Die physikalischen Prinzipien der Quantentheorie. Naturwissenschaften, 19

(??):188–189, ???? 1931. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1932:BRB

[Pau32a] Wolfgang Pauli. Book review: Ergebnisse der exakten Naturwissenschaften, Band 10. Naturwissenschaften, 20(??):186–187, ???? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1932:BRG

[Pau32b] Wolfgang Pauli. Book review: G. Gamow, Der Bau des Atomkernes und die Radioaktivität. Naturwissenschaften, 20(??):582, ???? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1932:DWE

[Pau32c] Wolfgang Pauli. Diracs Wellengleichung des Elektrons und geometrische Optik. (German) [Dirac's wave equation of the electron and geometric optics]. Helvetica Physica Acta, 5(3):179–199, ???? 1932. CODEN HPACAK. ISSN 0018-0238.

Pauli:1932:TQD

[Pau32d] Wolfgang Pauli. Les theories quantiques du magnetisme in 'L'électron magnetique'. (French) [Quantum theories of magnetism in 'the magnetic electron']. In ????, editor, Sixieme Conseil de Physique Solvay, Bruxelles, 1930, pages 175–238, discussion 239–280. ????, ????, 1932. LCCN ????

Pauli:1933:EQB

[Pau33a] W. Pauli. Einige die Quantenmechanik betreffenden Erkundigungsfragen. (German) [Some exploration of issues relevant to quantum mechanics]. Zeitschrift für Physik, 80(9-10):573-586, September 1933. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01335695; http://www.springerlink.com/content/x711540mlj227376/fulltext.pdf.

Pauli:1933:PEO

[Pau33b] W. Pauli. Paul Ehrenfest [obituary]. Naturwissenschaften, 21 (48):841-843, ???? 1933. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL http://link.springer.com/article/10.1007/BF01504522; http://www.springerlink.com/content/u0nx823747245437/fulltext.pdf.

Pauli:1933:FNFa

[Pau33c]

W. Pauli. Über die Formulierung der Naturgesetze mit fünf homogenen Koordinaten Teil I: Klassische Theorie. (German) [On the formulation of the laws of nature with five homogeneous coordinates, Part I: Classical theory]. *Annalen der Physik (Series 5)*, 410(3):305–336, 1933. CODEN ANPYA2. ISSN 1521-3889.

Pauli:1933:FNFb

[Pau33d]

W. Pauli. Über die Formulierung der Naturgesetze mit fünf homogenen Koordinaten. Teil II: Die Diracschen Gleichungen für die Materiewellen. (German) [On the formulation of the laws of nature with five homogeneous coordinates. Part II: The Dirac equations for matter waves]. Annalen der Physik (Series 5), 410 (4):337–372, 1933. CODEN ANPYA2. ISSN 1521-3889.

Pauli:1933:BRB

[Pau33e]

Wolfgang Pauli. Book review: Ergebnisse der exakten Naturwissenschaften, Band 11. Naturwissenschaften, 21(??):301–302, ???? 1933. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1933:BRJ

[Pau33f]

Wolfgang Pauli. Book review: J. H. van Vleck, *The theory of electric and magnetic susceptibilities. Naturwissenschaften*, 21(??):239, ???? 1933. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Pauli:1933:APW

[Pau33g]

Wolfgang Pauli. Die allgemeinen Prinzipien der Wellenmechanik. (German) [The general principles of wave mechanics]. In *Handbuch der Physik*, volume XXIV(1), pages 83–272. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1933. According to [De 14, page 76, column 1], this may be the publication where "wave-particle duality" was first defined.

Pauli:1933:ISB

[Pau33h]

Wolfgang Pauli. Über die Intensität der Streustrahlung bewegter freier Elektronen. (German) [On the intensity of the scattered radiation of moving free electrons]. *Helvetica Physica Acta*, 6(4):279–286, ???? 1933. CODEN HPACAK. ISSN 0018-0238.

Pauli:1934:DPM

[Pau34] Wolfgang Pauli. Discussion of paper by M. Heisenberg on "La Structure du Noyau". In Cockcroft et al. [CCJ⁺34], pages 324–

325. LCCN ???? Publiés par la commission administrative de l'institut.

Pauli:1935:BMT

[Pau35a] Wolfgang Pauli. Beitrage zur mathematischen Theorie der Dirac'schen Matrizen. (German) [Contributions to the mathematical theory of the Dirac matrices]. In ????, editor, Zee-

man Verhandelingen (Den Haag), pages 31–43. ????, ????, 1935. LCCN ????

Pauli:1935:BRP

[Pau35b] Wolfgang Pauli. Book review: P. Debye, Kernphysik. Naturwissenschaften, 23(??):772–773, ???? 1935. CODEN NATWAY.

ISSN 0028-1042 (print), 1432-1904 (electronic).

 ${\bf Pauli:1936:TQR}$

[Pau36a] W. Pauli. Théorie quantique relativiste des particules obéissant à la statistique de Einstein-Bose. (French) [Relativistic quantum theory of particles obeying Einstein-Bose statistics]. Annales de l'Institut Henri Poincaré, 6(2):137–152, 1936. CODEN

AIHPA2. ISSN 0365-320x (print), 2400-4855 (electronic). URL http://www.numdam.org/item?id=AIHP_1936__6_2_137_0.

Pauli:1936:CMT

[Pau36b] Wolfgang Pauli. Contributions mathématiques à la théorie des

matrices de Dirac. (French) [Mathematical contributions to the theory of Dirac matrices]. *Annales de l'Institut Henri Poincaré*, 6(2):109–136, ???? 1936. CODEN AIHPA2. ISSN 0365-320x (print), 2400-4855 (electronic). URL http://www.numdam.org/

item?id=AIHP_1936__6_2_109_0.

 ${\bf Pauli:1936:RZK}$

[Pau36c] Wolfgang Pauli. Raum, Zeit und Kausalitat in der modernen Physik. (German) [Space, time and causality in modern physics].

Scientia, 59(??):65–76, ???? 1936.

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Pauli:1938:ASF

[Pau38a] Wolfgang Pauli. On asymptotic series for functions in the theory of diffraction of light. *Physical Review* (2), 54(11):924–

931, December 1, 1938. CODEN PHRVAO. ISSN 0031-899X

(print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v54/i11/p924_1.

Pauli:1938:SCP

[Pau38b] Wolfgang Pauli. Some considerations of principle on the theory of P decay. (Russian). Bull. Acad. Sci. URSS (Série physique), ??(??):149–152, ???? 1938.

Pauli:1939:KZE

[Pau39] W. Pauli. Über ein Kriterium für Ein- oder Zweiwertigkeit der Eigenfunktionen in der Wellenmechanik. (German) [On a criterion for one- or two-valuedness of eigenfunctions in wave mechanics]. Helvetica Physica Acta, 12(2):147–168, ???? 1939. CODEN HPACAK. ISSN 0018-0238.

Pauli:1940:CBS

[Pau40a] W. Pauli. The connection between spin and statistics. *Physical Review* (2), 58(8):716–722, October 15, 1940. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://prola.aps.org/abstract/PR/v58/i8/p716_1.

Pauli:1940:IDW

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Pauli:1941:RFT

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