

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

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08 June 2021
Version 1.195

Title word cross-reference

$(1 + 1)$ [Das93]. $(2 + 1)$ [JM99]. $-1/2$ [CT67a]. $-1/2, 1/2, 3/2, 5/2$ [Mac98].
 $-\frac{1}{2}, \frac{1}{2}$ [CT67b]. 1 [CG07]. $1 + 1$ [Fei02]. $1/2$
[CT67a, FA01, Ogu96, dB51, dB52a]. 2.7° [Noe73]. **\$250.00** [War96]. **\$26.00**
[Ryc17]. **\$29.95** [RS10, Dys10]. 3 [RRS06]. $3 + 1$ [Nak00]. $3 + 2$ [Dir63b]. $3/2$
[CT67a]. **\$44.50** [Dre90]. **\$49.50** [Sch85]. **\$7.50** [Suc67]. 6 [DN96]. α
[BM98, LT04]. $\alpha, \beta, \gamma, \delta$ [Som36]. c [IC04, MBS02, Mag15]. D [DSP03]. δ
[DEŠ89, IP56, IP57, Lut07, Sch72]. e [IC04, MBS02]. e^2 [CP68]. ϵ [GGS04]. $\frac{3}{2}$
[CT67b]. G [AWW⁺81, Dir75f, Dir78b, Dir80g, Dir82f]. G_F [FA10].
 $\text{Gr}_2(C^{m+2})$ [Mil98]. $H^s(\mathbf{R}^3)$ [EV97]. \hbar [IC04]. m_p/m_e [BBSF10, FK07].
 $\mathcal{F}_p(\eta) = 1/\Gamma(p+1) \int_0^\infty [\epsilon^p/(1+e^{\epsilon-\eta})]d\epsilon$ [GFG01]. $SU(2)$ [yRSBSV99]. H_2
[SBK⁺08]. N [Ata89, KY01, MHN98, MB90, Mor85, Won90]. $\nabla^2 n/n$
[MHN98]. $\nabla n/n$ [MHN98]. π [JT10]. q [CPV10, JT10]. R [Szm98, Szm99].
 \mathbf{R}^n [Bet83]. r^t [BBR85]. $s > 1$ [EV97]. $SL(2, \mathbf{C})$ [Hos82, Hos83]. $SO(4)$
[LH86]. $SO(4, 1)$ [BC69]. $sp(4, \mathbf{R})$ [Lee95]. $SU(N)$ [LH86]. SU_2

[Mal75c, Yan78b, Yan78a].

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

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

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

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

2 [UM86]. **20.X.1984** [Smo84]. **2002** [BB03]. **2009** [Pet11]. **2013** [Ano13].
20th [Gun15, Meh73, SS03, Wal09, Koz90, Med90]. **21st** [RCC⁺06]. **22**
 [CCJ⁺34]. **25** [Ble86].

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

42 [Pei42].

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

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

8.VIII.1902 [Smo84].

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

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

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

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

b [Sch85]. **background**
 [CGKS94, CV02, Fei02, FSY00, Han99, Por95, SS98, YS03]. **bag** [Fei02].
Baltimore [L.88]. **bang** [Das96, YS03]. **banquet** [Sno73]. **Barbara** [GG76].
Bargmann [MS95]. **Bargmann-** [MS95]. **Barut** [Ble86, Tor87, Sch85].
Based [EKI94, AT07, FA10, Haa34]. **Basic**
 [Dys10, RS10, Dir69a, Jor52, Jor55, MS87]. **Basis**
 [Dat95, QGW01, Dir29a, Dir38b]. **Be** [Ano30, Far03, Dir62a, Dir69b, Dir70a].
Beautiful [Far03, Wri16]. **Beauty** [Dir54b, Dir79a, HK93, McC04, Smo93].
became [Cri18]. **Beck** [Nis35a, Nis35b]. **Bedeutung**
 [Jor59a, Smo93, Som36]. **before** [Hen83]. **Began** [Kae48]. **behavior** [Son99].
behaviour [CK78]. **behind** [Pic08]. **Behram**
 [L.88, Ram89, Hen89, Sch88, Stu88]. **Belfer** [Suc67]. **Belief** [Dir76a]. **believe**
 [Dir80h]. **belleza** [Bas08]. **Bemerkungen** [Hei34b, vN28, Hei34a].
Bergmann [GNH78, Kru94, TM85]. **Berichtigung** [Hei34b]. **Besprechung**
 [Hei30a]. **Bessel** [Car92]. **Bethe** [CH02]. **Between**
 [Stu18, Bal85, Bok04, Dir25c, Dir39c, Dir45b, dB32b]. **Beyond** [Rod19].
Bibliography [RZ80]. **Bicentennial** [Pet11]. **Big** [YS03, Das96]. **Binary**
 [VKA21]. **biographical** [Dal87b]. **biographies** [Ano65]. **Biography**
 [Dre90, Hen91, Deb13, Kra90, Sch91b, Bro91, Dar92]. **biology** [BP79b].
Birth [BH83a, BH83b, RCC⁺06, Sch94b, ACM10, BH82]. **birthday**
 [BvdM83, Cha73]. **bis** [Fis10a, Fis12a, vW02]. **bispinor** [Cra85]. **black**
 [FSY00]. **Blackett** [Dir84a]. **Body**
 [Bus10, CV90, GL92, II08, LC98, SCSB93, Sem93]. **Bohm**
 [AW17, Col12, Tam03, Vil95]. **Bohr** [Lak96, Bal85, BR64, Bok08, Dir24b,
 Dir28a, Dir64g, Dir67d, Kra17, MR82d, MR82e, RRK⁺64, Roz67]. **Bohrs**
 [Dir64g]. **Bondi** [Dir52a]. **Bonn** [Wat91]. **Book**
 [And88, Bel73, Ble86, Bri18, Bro91, Cas10, Dar96, Dav36, Dre90, Dys74,

Dys10, Ell91, Eps35, Ett31, Goe16, Hen89, Hen91, Hov96, Kib98, Kil76, L.88, LJ31, Pau30, Pol58, Ram89, RS10, Ryc17, Sch69, Sch85, Sch88, Sch91b, Sti13, Stu88, Suc67, Tem35, Tor87, War96, Jär64]. **Books** [Dys10, L.88, K.L88, RS10]. **boomerons** [Leo80]. **Boosting** [CKPT04]. **Born** [Dir60d, Gre05]. **Boronlike** [VIK98]. **Bose** [BBR03, Din58, Gau93, Kap40, Kos86]. **bosons** [Bel85, RM96]. **both** [Cra88]. **Bound** [BB85, RU81, Cor70, IS10a, ZQ90]. **bound-state** [Cor70]. **Boundary** [GZM05, JP73, FGM⁺96, FSS98, RS87]. **Bounds** [SV90, SV95, MS95]. **Bra** [Rob66, D'A02, Pru73]. **bracket** [FK70, Lan72, MS68, Rug88, Wot91]. **brackets** [FLS76, Sei99]. **brain** [Lip87]. **Branch** [Bun82]. **bras** [Jau72]. **Brave** [HW06]. **Brecht** [Sch99]. **Breit** [EKI94, Ish90]. **brief** [Pol87b]. **British** [Wal09]. **Brogie** [AW17, Ble86, Bou01, Col12, Deh36, Haa34, Sch85, Tor87, Bou01, BVV84, Dav98, Haa34, dBDW⁺84]. **Broken** [Pei92, Dir73c, Dir73d]. **Brownian** [AW95]. **Brueckner** [MHN98]. **Brussels** [CCJ⁺34]. **Bruxelles** [CCJ⁺34, Far01]. **Buch** [Jär64]. **Buchbesprechung** [Deh36, Hei30b, Wil36]. **Bücher** [Ben34]. **bucket** [BP95]. **bulk** [vN96]. **Bundle** [Bri18, Oev88, RdO07, RdO16]. **bundles** [Gre77, UB83]. **Bunge** [Hin77]. **Bunin** [Ano33].

C.W [Hen89]. **Cabrera** [Lub82]. **Calculated** [Dat95]. **Calculation** [IKRT89a, SBB⁺62, Vul03, NM84, Pic89, Sag91]. **Calculations** [DFW99, Eeg80, Ish90, QGW01, VIK98, Dir55c, EG84, IKRT89b, IKRT91, YG77]. **calculus** [Eeg80]. **California** [Ano34a]. **called** [Gol05]. **Calogero** [MS95]. **Calogero-type** [MS95]. **Cambridge** [Ble86, Dre90, Hen89, Hen91, Pei92, Sch85, War96, Ano30, Dir37c, EP72, Hen84, KN03, Pei87a]. **Can** [Dir69b, Dir70a]. **canonical** [Bel85, BC69, Olv86, PSA94]. **Carolina** [BCEP94]. **Cartan** [DMH85]. **Cartesian** [SC91]. **Case** [Bou08, Pas12, Pic81, Kra81a, RSK99]. **case-study** [Kra81a]. **cases** [All03]. **cat** [Lam87]. **Catania** [RCC⁺06]. **Cauchy** [Cha72]. **Celebration** [Hen89]. **Centenary** [BCEP94, Hen89, GC97, SS03, Wil05]. **Centennial** [RCC⁺06, BB03, HE82]. **Center** [KPS⁺78, KP83]. **Central** [Har28, SM91, SCSB93]. **Centre** [Meh73, Ruf82, Sal69]. **centrifugal** [IU86, YI90]. **centrifuge** [Dir42c]. **Century** [Gun15, RCC⁺06, Bra09, CM86, Meh73, SS03, Wal09, Wei77, Koz90, Med90]. **Certain** [Dir79c, Wal76, Gre05]. **certificates** [Ano10]. **Chadwick** [Ano51, Dir75e]. **challenge** [CT12]. **challenges** [F⁺00]. **champ** [Dir39a]. **Change** [Dir79e, Gam67a, Tel48, Wes80, Wil58]. **Changing** [Gun15]. **chapter** [Kra15a]. **Characterization** [YYH⁺01]. **characters** [Coq85]. **Charge** [Dys67, Gam67d, Per67]. **charged** [AW17, Bor85, BG90, FA01, LMV91, RU81]. **che** [Fer24]. **Chebyshev** [CT67a, CT67b]. **Chemistry** [Bun82, DN96, Len14]. **Chemists** [Sim02]. **chiral** [Fin00, Wot91]. **chromodynamics** [F⁺00]. **chronology** [Rec97]. **Chronon** [GF02]. **Chunk** [BMP14]. **CI** [DN96]. **circle** [All03, BR64].

Claim [Sim02]. **Clarifying** [GG11]. **Class** [BG91, DK89, EF77, FM75, IV85, IK91, KL90, Wil91]. **Classical** [BG90, Dir38a, LBNZ98, Roh60, Bok04, Dir33a, Dir45b, Dir49a, Dir51c, Dir51d, Dir52d, Dir54c, FK70, GS79, MS68, RU81, Sno73, IU86]. **Classically** [GPS86]. **classification** [KLMW88]. **classmate** [Cri18]. **Clifford** [Bri18, CDK90, ML93, PP71, RdO07, RdO16, UB83, Vrb94]. **Closed** [BBR85, Mor85, Bok04]. **Closed-Form** [BBR85]. **closer** [BBSF10]. **Cloud** [Inf53a]. **Cluster** [EKI94]. **clusters** [EG84]. **co** [RRK⁺64]. **co-workers** [RRK⁺64]. **codes** [DSK72]. **colleagues** [BR64, Roz67]. **Collected** [Dar96, Hov96, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, War96, Dal95, Wig96d, Dir02, Dir03b, Dir04, Dir05b]. **Collection** [CMO00, Bus10, Koz90, CMO00]. **College** [Dir37c, Jef87]. **collisions** [Dir27e]. **Colloquium** [ACM10, Bat07, UM86]. **combined** [HD77]. **combs** [Ric03]. **Commemoration** [RCC⁺06, Buc80]. **Comment** [BF12, Kha86, MWF07]. **commentary** [DP97]. **Commission** [BBD⁺46]. **Committe** [Ano67]. **commutation** [Bel85]. **commuting** [KLMW88]. **compact** [BT90]. **Comparison** [QGW01, Dat04]. **Complete** [GFG01, Goa95, RZ80, KLMW88, KL92]. **completion** [MR00, Pau25]. **Complex** [Dir37a, Gre77, Sla29, Eeg80, Hes75, Mar88, Nas86, Pau25, RA11]. **comprehensive** [Her18]. **Compton** [Dir25d, Dir26f, Dir27a]. **Computation** [Fuk14, Goa95, MS38, Wat91, Doa91, Gau93, TM85]. **computational** [Len14]. **computations** [AT07]. **Computer** [F⁺00, IKRT89b]. **Computers** [Tau63b, Len14]. **Computing** [Ano18, Bel91, F⁺00, BDM81b, BDM84]. **concept** [Dir78e, Kra81a]. **Conception** [Dir79c, Dys74, Dir73a, Meh73]. **Conceptual** [Dun12]. **Concluding** [Wig96b]. **conclusions** [Jor66]. **condition** [Dir24b, Her18, YI90]. **conditions** [Dir25c, Dir62a, FGM⁺96, FSS98]. **Conduction** [DuM28]. **cone** [Fin00]. **conférence** [Dir48e]. **Conference** [BCEP94, Dor82, IPM73, Kur73, Pet11, RCC⁺06, DPI71, Far01]. **conferences** [Meh75]. **confined** [Das93]. **Confirmation** [DuM28, Jor62b]. **Conformal** [MSB92, Son99, Dir36c, IU86]. **congruences** [KM84]. **conjecture** [CT83, CPV10]. **conseil** [CCJ⁺34]. **Consequences** [Dir78b, HE06, Jor62a, Jor71, Dir75d, Jär64, HE35]. **Conservation** [Bou85, GS79, GLR14, Dir36a, LCH10]. **Conserved** [Ker83, CV02, SES82]. **Considerations** [Coh70, Fer24]. **Considerazioni** [Fer24]. **Consistency** [GH75]. **Consistent** [Ish90, EG84, MHN98, YL09]. **Consistently** [BSW88]. **Constancy** [Irv83, Per67]. **Constant** [Ano12, BS67, Bek86, BF12, Dir72f, Dir75b, Dir79e, FK07, JRF06, KM12, Mar84, MWF07, Noe73, Rob83, Sch91a, SCPA04, Tel72, VKA21, WB78, WFC⁺99, Wil93a, WW86, Alp73, AG03, BBSF10, Car01, CKYY07, Cho81, Dir78c, FA10, Hal78, Han99, Inf61, Inf63, Lev80, MG87, Nor86, Ogu96, Peg77, Sch99, ZdSS91]. **Constants** [Gam68, Kra19, SV95, Tel48, Tel72, Wil58, Alp73, Bar02, BMS02a, Car01, CGK72, Dic59, Dir37b, Dir73b, Dir78a, DOV02, Dys72, Dys78a, Dys78b, DFW99, ES10, GT85a, GT85b, GT86, IC04, Jor37, Kha86, KPW86,

LMSV08, Nil03a, Nor86, Pet85, Pet88, SV90, Uza03]. **Constrained** [Tay87a, BNB94, GB90, Sei99]. **Constraining** [JRF06, SBK⁺08]. **constraint** [CY91]. **Constraints** [sC78, Lee21, Pic81, VKA21, GNH78, Han99, IC04, Kru94, LMSV08, Oev88, Olv86, TM85, YS03]. **construction** [Nas97]. **Constructive** [Sta12]. **Contact** [L6w64, DES92]. **contain** [Fer24]. **container** [Dir42a, Dir42b]. **containing** [DW09]. **Contemporary** [Sal69, Sal69]. **contengono** [Fer24]. **Context** [Sch91a, Pet11]. **Continues** [Ble86, Sch85, Tor87, BVV84, dBDW⁺84]. **Continuous** [Tau62]. **continuum** [Bel91]. **Contribution** [Ano30, Meh87a]. **contributions** [ES10]. **Control** [GZM05]. **Controversy** [Pic81]. **convection** [CG07]. **Convergence** [Rod80, Tam03]. **Converging** [Din58]. **conversations** [Bri95a, BP79b]. **Coordinate** [Neu33]. **coordinates** [Dir59d, SC91, SC92a, Vil90b]. **Coral** [IPM73, KPS⁺78, KP83, Per80, DPI71, Kur73, Kur87b]. **Corepresentations** [HW90]. **Cornelius** [BCEP94]. **Correction** [Hei34b]. **Corrections** [Kir97, Csa81, GF02]. **corrector** [Doa91]. **Correlation** [EKI94, MHN98]. **Correspondence** [Ano67]. **Corrigendum** [CT67a]. **coset** [BILP03, OP95]. **Cosmic** [BS67, WBR76, Han99, YS03, Mil97]. **Cosmo** [Kra82]. **Cosmo-Physics** [Kra82]. **Cosmological** [CO03, Dir74b, IRV⁺08, Sch91a, BM98, BMS02a, DSW08, Dir37b, Dir78c, Dir78f, Hal78, Jor59b, Por95, ZdSS91]. **Cosmologies** [Kra06, GT85a, GT85b, GT86]. **Cosmology** [Alp73, BBBM90, Dic61, Dir61a, Dir78g, Dir05b, Gam67c, Gam67b, Goe16, Kra82, Rei72a, Rei72b, Dir38b, Dir72b, Jor52, Jor55, Kra16, Nor65, Nor90, PD62, ZdSS91]. **Cosmonumerology** [Kra91b, Kra91a]. **cosmos** [HW06]. **cotangent** [Oev88]. **Coulomb** [EKI94, Har28, WY85, BK76, BM70, BBR85, BJ03, CH02, DEŠ92, DSP03, Hos83, Hos87, Hyl84, IS10a, IS10b, IM95, Kim80b, yRSBSV99, RU81, ROB64, SWO76, Vil95, WY84, Won90, de 89]. **Coulomb-like** [IS10a, IS10b]. **counts** [Lub82]. **Coupled** [BSW88, EKI94, BB85, Cha72, LC98]. **Coupling** [L6w64, DST92, GT85a, GT85b, GT86]. **couplings** [DSW08, YZ08, YL09]. **course** [Zic88]. **covariance** [Bel85, UB83]. **Covariant** [UL31, CV90, CY91, LC98]. **Creation** [HND⁺62, CM86]. **Creativity** [Sch94c]. **creators** [Str11]. **criteria** [DSK72]. **Critique** [Ano05]. **cuántica** [Dir67b, Dir68c, Dir69e]. **cuántico** [Dir54a]. **cubic** [Pen99]. **cultural** [HE82]. **Curies** [Kae48]. **Current** [Pas12, Bor85, Jor59b, LW78]. **Currents** [Ker83, SES82]. **curved** [BO92, Ran87, Rüd84, Vul03]. **curvilinear** [SC92a, Vil90b]. **cylindrical** [BR97, Vil90b]. **Cylindrically** [BSW88]. **Czech** [Dir59b].

d [Jor66, CG07]. **d’Albert** [Buc80]. **Dalitz** [Dar96, Hov96, War96]. **Danish** [BR64, Dir64g, RRR⁺64]. **dans** [dB32a, dB52b]. **darkest** [HW06]. **darling** [Dir87a]. **Data** [SV95, CG07, Cor70, Han99, SV90]. **dataset** [Lee21]. **De-mystifying** [Lut07]. **dead** [Dir65a]. **Debate** [Pas12, Bok08, Hsz76]. **Debye** [BCK97]. **December** [BB03, BCEP94]. **declining** [Kra15a]. **Decoding** [RS10]. **decrease** [Tak31]. **Deduction** [BI34, BI34]. **déduit**

[Bor49]. **décembre** [Dir48e]. **Déécouverte** [Dir48e]. **Deep** [Kol67]. **Deep-Sea** [Kol67]. **deepest** [Bar02]. **développements** [Dir48e]. **défient** [CT12]. **Defining** [Mla98]. **Definite** [Dir79b]. **Deformations** [FLS76]. **degeneracies** [LMV91]. **Degeneracy** [BM70, JM99, MC70]. **Degenerate** [DuM28, Can98]. **degli** [Fer24]. **d’Einstein** [PS32a, PS32b]. **del** [Bun52, Maj37, Wei77]. **delayed** [Rod80]. **Delivered** [Wig96a, DHS78, Wig87a]. **dell** [Maj37]. **della** [Wei77]. **Delta** [JP73, Lam69, Lam70, Nov74, Wal76, ABR06, BMP14, CPV10, Deb13, GGS04, JT10, LW75]. **Denied** [Ano54]. **Dennis** [Bin00]. **Dennison** [Ano67]. **Dense** [Ric03]. **densités** [dB32a]. **densities** [Cra85, dB32a]. **Density** [Csa92, Dir43a, Rij66, Csa81, Dir30d, Dir42d, Kos86, MHN98, PFD43, SS11, Wig01]. **Department** [Hal78]. **dependence** [Rob85]. **dependent** [AME14, BK10, IS10b, RSK99]. **Derivation** [Eva04, Wot91, Riv94]. **derivatives** [Cor70, GZDA01, MKK05]. **derive** [Cra88]. **derived** [Bor49]. **description** [Car94]. **design** [DSK72, Tau63b]. **detect** [GGS04]. **Detecting** [IRV⁺08]. **Determinants** [FGM⁺96, Lan01]. **Deuterium** [CR12]. **Development** [Aur71, Dir73a, Jor49, Meh73, Deb13, Dir71a, Dir73b, Dir74c, Dir78a, Dir81b, Meh75, Meh87a]. **Developments** [Ano62, Dir46, Dir79d, Dir73g, Per80]. **devices** [MZ⁺12]. **diagonal** [SCSB93, Wig01]. **diagonalization** [Rou84]. **Diagrams** [Wüt11b]. **Dialogue** [Kra91b, Kra91a, Bel99]. **Diatomic** [FK07, BBSF10, YG77]. **dice** [MB11b]. **Dicke** [Dir61a]. **Did** [Far10]. **Difference** [LR59, QGW01]. **Differential** [Coq85, GZM05, Olv86]. **differentiation** [Nil03b]. **Difficulties** [Ano34a, Dir47a, MR82d, MR82e]. **diffraction** [Ric03]. **diffusion** [CG07]. **dilations** [All03]. **dilaton** [CKYY07]. **dimension** [IKRT89b]. **dimensional** [AKV83, BV85, Das93, FA01, IT88, IU86, KY01, Kam86, Kis98, Lég95, MB90, Nak00, NP96, NdlC08, RSK99, Ten68, Won90]. **dimensions** [Car01, DSP03, Fei02, Kha86, KPW86, Zas89]. **diminishing** [Jor62b]. **dinner** [Jef87]. **Dipartimento** [RCC⁺06]. **Dipole** [Roz20, Pos84]. **Dirac** [And88, Ano51, Ano13, BB03, Ben34, Ble86, Bri18, Bus10, Cas85, Cas10, CT67a, CMO00, DP86, Dal87b, Dar96, Deh36, Dys10, Ell91, Fis10b, Fis12b, Goe16, Haa34, Hei30b, Hen89, Hen91, Hov96, Jär64, Kib98, KBN83, Lak96, Lan87a, Meh91, Neu33, PR86, Pau30, Pei92, RS10, Sch85, Sch91b, Smo93, Smo84, Stu88, Suc67, Szm99, Tiw12, Tor87, Tu91, War96, Wig96a, Wil36, dB51, dG97, AD87, AW95, All03, All04, AME14, AKV83, AW17, Ama68, AC72, AT07, Ano30, Ano33, Ano34a, Ano34b, Ano52, Ano54, Ano67, Ano75, Ano83a, Ano83b, Ano85, Ano94, Ano02, Ano08, Ano10, Anoxx, Ant69a, Ant69b, Ara93, ABR06, AT94, Ata89, Ati98, AT99, Aug95, BSW88, BO92, BOS96, BK10, BILP03, Bal85, BC78]. **Dirac** [BDM81a, BDM81b, BDM84, BCJT16, BNB94, Bar81, BK76, BvdM83, BVV84, BB85, Bas08, Bat00, Bat07, BSW98, BN72, Beh85, Bel85, Bel91, Bel73, Bel82, Bel94, BMP14, BCK97, BM70, BBR85, Bet83, BBR03, BtGW95, BG91, Bok04, Bok08, BR97, Bor85, BI34, Bor52, Bou85, Bou01, Bou08, BC69, Bri95b, Bro77, BR87, Bro06, BJ03, BP79a, Bue05, BT90,

Bun52, BV85, CT83, Can98, Car92, Car94, CG07, CO03, Caw69, Cha72, Cha73, CGK72, sC78, CPV10, CH02, CDK90, CGKS94, CH16, Cla94, CT67b, CK90, CK91, Coh70, Col12, Coq85, Cor70, Cor07, CV02, CV90, CY91, Cra85, Cra88, Cra93, Cri18, Cri76, Csa81, Csa92, D'A02, DJ95, Dal87a, Dal95, Dar90, DK89, Das93, Das96, Dat95, Dat04, Dav98, DSK72, Dav36].

Dirac [DN96, DL82, Deb13, Dic61, DMH85, Din58, Dir61a, Dir74d, Dir80a, DRFS80, DS83, DEŠ89, DEŠ92, Dit15, DST92, Doa91, DSP03, DW09, DuM28, DRF17, DP03, DR93, Dys74, Dys87, Dys07b, EP72, Eeg80, EM33b, EM33a, EF77, EKI94, Eli87, ERW75, EG84, Eps35, EV97, Esp12, Ett31, Eva04, FA01, FG87, FGM+96, FSS98, Far09a, Far09b, Far10, Far16, Fei02, FM75, Fer49, Fer86, FW87, Fin00, FSY00, Fio06, FLS76, FK70, Fre87, Fre95, Fuk14, FR86, FZ91, GG02, GLMR94, GL92, GF02, GB90, Gam33, Gar84, GFG01, Gau93, GJEF10, Gin09, GB13, GS84, GS79, GD10, Goa95, God98, GG11, Gol05, GG51, GZDA01, Goo55, GZM05, GNH78, Got11, Gru00, GH94, GGS04, GH75, Haa34, Hal87, Hal78, Hal85, HD77, Ham84, HW90].

Dirac [HC87, Hau72, Haw98, Hei30a, Hei34b, Hei34a, HE35, HDW75, HE06, Hen83, Her18, HJL00, Hes73, Hes75, HL38, Hil92, Hin77, HJKS91, Hor11, Hos82, Hos83, Hos87, Hos89, HM99b, HM99a, HK93, Hov96, Hoy92, Hyl84, IT84, IT88, IJ02, IS10a, IS10b, IKRT89a, IKRT89b, IKRT91, IM95, Inf34a, Inf53b, IP56, IP57, Ish90, II08, IU86, IV85, IV87, IK91, JM99, JT10, Jin91, JP73, Jor59a, Jor59b, Jor62b, Jor62a, Jor66, Jor71, Jun97, KY01, KMW86, KM92, Kam86, KM84, KLMW88, Kap40, Kat00, KRR90, KR92, Kem87, Ker90, Ker83, Kil76, Kim80a, Kim80b, Kis98, Kla90, KK10, Köp06, Kos86, KL90, KL92, Koz90, Kra81b, Kra82, Kra90, Kra91b, Kra91a, Kra13, Kra16, Kri87, Kru94, KY93, Kur87b, Kur87a, KW87].

Dirac [L.88, K.L88, LW34, Lam69, Lam70, Lan30, Lan05a, Lan05b, LR79, LRK80, Lan01, LW78, Lan87b, LU31, LR59, Lee95, LH86, Lég95, Leh91, LJ31, Leo80, LCH10, LW75, Lin10, LC98, Löw64, Lub82, Lut07, MD88, Mac98, Mal75c, MHN98, MG87, Mar65, MB90, MB91, Mar88, MS95, yRSBSV99, MSB92, Mat87, MR10, McA90, McC04, MS38, MS87, Med89, Med90, Meh72, Meh87a, Meh87b, Meh87c, MR51, ML93, MRB75, Mil98, Mil97, Mit10, MN97, MKK05, Moh07, Mon95, MB11a, Mor85, Mot87, Moy81a, Moy81b, Moy81c, MS68, Mur71, Nak97, Nak00, NM84, Nas84, Nas86, Nas97, NK93, NM01, NP96, NdlC08, Neu00, Neu33, Nil82, Nil03b, Nis32, Nis35a, Nis35b, Nov74, Oak00, Oev88, OS81, Ogu96, Olv86, OP95, Pai90, Pai87].

Dirac [Pai98, Pai00b, PT86, Pas12, PS32a, PS32b, Pau43, PD62, Pei34, Pei35, Pei42, Pei72, Pei85, Pei87a, Pei87b, Pen99, PP71, Pic89, Plo15, Pod97, Pol58, Pol87b, Pol87c, Pol87a, Pon05, Por95, Pos84, PSA94, QGW01, Rad96, RU81, Ran87, RSK99, RA11, RK96, RM95, RM96, Reu99, ROB64, Rho50, Ric03, Rij66, Riv94, Rob66, RRS06, Rod80, RdO07, RdO16, RR93, RL68, Ros83, Rou84, Roz20, Rüd84, RTV99, Rug88, Rum86, RS87, RZ80, Sag91, Sal87a, Sal87b, SM91, SFVW95, SS03, San79, Sch69, Sch38, Sch41, Sch52, Sch94c, Sch94b, Sei36, Sei99, Sel94, SCSB93, Sem93, SBZ90, Sha87, SMI83, SV89b, SV89a, SC91, SC92b, SC92a, SV93, SS98, SS11, SG11, Sim02, Sky71, Smo93,

Smo87, Sno73, SM35]. **Dirac** [Som36, Son99, SM03, Sri83, Sri89, Sta12, Sta67, Sta87, SES81, SES82, SOS84, Str71, SWO76, Szm98, Szm01, Tak79, Tal04, Tam03, TVvN34, Tau49, Tay87b, Tel73, Tem35, Ten68, Tha88, Tha92, Tha06, Tjo75, Tol98, TM85, TCC97, Tra92, TKS19, UL31, UK82, UB83, Van72, VIK98, Vil90a, VP90, Vil90b, Vil95, VC02, Vrb94, Vul03, Wal09, Wal76, WP96, WBD70, Web87, WBSB14, Wie29, Wig72a, Wig01, Wig88, Wig87b, Wig96b, Wig96c, Wil03, Wil98, Wil91, WY84, WY85, Won90, Wot91, Wri16, Wüt11a, zXZ06, Yan78b, YYH⁺01, YG77, YI90, YZ08, YL09, Zas89, Zec96, ZQ90, Zic00, Zor80, dB32b, dB32a, dB33, dB34, dB51, dB52b, dB52a, dBDW⁺84, dG80, de 89, de 91, vEdG85, vSJLEdJG86, vN28, vN40, Dar91]. **Dirac** [Ram89, Sch88, Sti13, Stu88, Bro91, Dar92]. **Dirac-** [Gar84]. **Dirac-féfé** [Neu33]. **Dirac-Gleichung** [EM33b, SM35]. **Dirac-Like** [MRB75, WP96]. **Dirac-spinor** [Eeg80]. **Dirac-Theorie** [Som36]. **Dirac-Type** [RRS06, MD88]. **Dirac**. [Dre90]. **Dirac/Gamow** [Kra91a]. **Diracgleichung** [Sch38]. **Diracs** [CKPT04]. **diracsche** [Pei35]. **Diracschen** [EM33a, Hei34b, Hei34a, HE35, Jor59a, Jor59b, Jor66, Neu33, vN28]. **DiracSolver** [TKS19]. **Dirak** [Koz90, Med89, Med90]. **Diraka** [Bel82]. **directed** [RR93]. **Directions** [DHS78]. **Disciplines** [Len14]. **Discontinuities** [Szm01]. **Discover** [Ser12]. **discoveries** [Bra09]. **Discovery** [CR12, BBC⁺94, Fal97, GC97, Got11, Kae48, Kox97, MR82a, Rob97]. **Discrete** [Dir72a, All03, BK10]. **discretizations** [CG07]. **Discussion** [Dir28a, Dir34a, HND⁺62, SBB⁺62, vN40]. **discussions** [CCJ⁺34]. **disk** [FSS98]. **dispensability** [Bue05]. **Dispersion** [Sei36, Dir27c]. **Dispose** [Ano34a]. **Dissipative** [All04]. **Dissociation** [Dir24a]. **Distant** [MWF07, SCPA04]. **distinctions** [GG11]. **Distributed** [QGW01]. **distribution** [CK90, CK91, Dir34a, Fuk14]. **distributions** [Bet83, Cra88, RS87, Zor80]. **divergent** [Bel91]. **Do** [Wil58, Alp73, Ros83, zXZ06]. **documents** [PKKL09]. **Does** [BS67, Dir36a, Dir75b, Dir79e, Dir81a, Gam67a, Kap40, Wes80, MB11b]. **d'onde** [dB52b]. **d'onde-pilote** [dB52b]. **d'ondes** [BI34]. **Doppler** [Dir24b]. **double** [dB52b]. **double-solution** [dB52b]. **d'ouvrages** [Dar91, Dar92]. **Dr**. [Ano30, Dir40]. **dreams** [Haw11]. **Drehelektrons** [vN28]. **driven** [AG03]. **drogi** [Inf33]. **d'une** [Dav98]. **during** [DHS78]. **dynamic** [DSK72]. **dynamical** [Dir48c, Dir49a, PSA94]. **Dynamics** [Dir24c, Dir27b, Dir33a, Dir49b, Dir50b, Dir51a, Dir55e, Dir58b, Dir77b, Son99, Tay87a]. **dyon** [ZQ90]. **Dyson** [Sch94a].

E. [Bel82]. **Early** [Dir82c, LMSV08, Dir73g, Meh87a, Pai72]. **Earth** [Jor66, Jor71, Kra15a, Kra15b]. **École** [Bou01]. **ed** [Hen89, War96]. **Eddington** [Bek86]. **Edge** [YYH⁺01]. **edition** [Jär64]. **editors** [Tor87]. **eds** [Ble86, Hen89, Sch85]. **Effect** [FK08, Bat00, Bat07, Dat04, Dir25d, Dir27a, Kox97]. **effects** [DFW99, Gar84]. **efficiency** [Dir42a]. **Ehrenhaft** [Dir77c]. **eigenfunction** [Szm01]. **eigenfunctions** [Cla94]. **Eigenparameter** [BK10]. **eigenvalue**

[All04]. **Eigenvalues** [Cla94, AT07, YI90]. **eightieth** [BvdM83, KMPD85]. **einatomigen** [Fer26]. **einem** [Dir60b]. **Einführung** [Deh36, Haa34]. **Einheit** [Sch38]. **Einige** [Jär64, vN28]. **Einstein** [Ano05, Bal85, Bri18, Buc80, HD77, HE82, SH99, BOS96, BBR03, Bok08, Buc80, Cra88, DMH85, Din58, Dir79a, Dir79d, Dir79c, Dir79b, Dir79f, Dir79g, Dir80e, Dir80d, Dir80c, Dir80h, Dir81b, Dir79m, Gau93, GMW80, Gru00, HW96, Jin91, Kap40, Kle05, Kos86, KBN83, MR82d, MR82e, PR86, PS32a, PS32b, PS79, RA11, RM95, Rob15, RdO07, RdO16, RTV99, Tol98, Vil90a, Wie29, Wil93b, Wil91, Zic00]. **elastic** [Gar84]. **Elected** [DP86]. **Electric** [Inf53a, Per67, BM70, DH32a]. **Electrically** [SV93]. **Electricity** [Gam67c, Gam67b, Sto94]. **electrodynamic** [Jär64]. **Electrodynamics** [Ano75, HDW75, Sch52, Sch94b, Sch58, Sch03, BI34, Bro77, DFP32, Dir35b, Dir43b, Dir46, Dir47a, Dir50c, Dir52c, Dir55a, Dir57b, Dir60d, Dir65a, Dir68b, Inf53b]. **électrodynamique** [BI34, Dir52c]. **Electromagnetic** [MWF07, SCPA04, BN72, Dir31b, Dir39a, ZQ90, dB32b]. **électromagnétique** [Dir39a, dB32b]. **Electron** [Ano30, Ano34a, Csa92, Dir77h, Dir79h, Dir79i, Dir79j, HL38, Neu33, Roh60, SBK⁺08, vN28, Bat07, BN72, Bor52, CH02, CKYY07, CDK90, Dir28f, Dir28b, Dir28c, Dir29b, Dir30d, Dir35a, Dir39a, Dir59a, Dir62c, Dir77g, Dir77i, Dir79k, DFW99, Fal97, GC97, Gol05, Hin77, Kim80a, Kim80b, Kox97, Lan30, Lan05a, Maj37, Mil97, Moy81a, Moy81b, Moy81c, Pai72, Pei34, Pen97, Rec97, Rob97, Som34, Sto94, dB32b, dB33, dB34, dB52b, Ano34a, Dir39a, dB32b, dB33, dB52b, Gar84]. **electrona** [Dir59f]. **Electronic** [Inf53a]. **Electrons** [Dir30i, Dir34d, Dir58a, DuM28, Dir25c, Dir25d, Dir28d, Dir28e, Dir30e, Dir30j, Dir34a, Dir38a, Dir48b, Dir51c, Dir52d, Dir54c, Dir59b, Dir59f, Dir65b, Dir91b, Gam33, KD33, Pau25, Seb19, dB52a, Kra81b, dB52a, dB51, dB51]. **Electrophoresis** [CKPT04]. **electroweak** [KM04]. **elektron** [Neu33]. **Elektronengruppen** [Pau25]. **Elektroni** [Dir57a]. **Elektrons** [Lan30, Dir28f, Dir28d, Neu33, Dir28e]. **Elektrony** [Dir59b]. **element** [Rig02, RS87]. **Elementary** [And88, BH83a, Dir86, FW87, Gam67d, BH82, Fer86, Kat00, KP83, PB68]. **elementary-particle** [BH82]. **elementi** [Fer24]. **Elements** [Dir32a, Fer24, Hos87, WY84, ZQ90]. **elettrone** [Maj37]. **Elimination** [Dir26a]. **elliptic** [ABR06]. **elméletében** [Neu33]. **embedded** [EG84]. **EMC2006** [RCC⁺06]. **Emeritus** [Ano13]. **Emission** [Dir27d]. **Empirical** [Jor62b]. **Empiricism** [Kra91b, Kra91a]. **enclosed** [Dir42b]. **encode** [Bar02]. **end** [Gre05]. **Energies** [EKI94]. **Energy** [Ano30, BBD⁺46, Csa92, Dir59c, Dir71f, Dir72c, Dir73h, GLR14, IPM73, MWF07, Roh60, SCPA04, Ano08, BtGW95, Csa81, DPI71, DMH85, Dir36a, Dir42a, Dir62b, Dir70a, Dir71d, Dir71e, Kra17, KPW75, KPS⁺78, NP96, Per80, SWO76, Wig72b, KMPD85]. **energy-momentum** [DMH85]. **Enhanced** [BBSF10, FK07]. **enquiry** [Alp73]. **Enrico** [Mil07]. **Entgegennahme** [Wil36, HSD34a]. **entre** [Bal85, dB32b]. **episodes** [Bra09, Smo87]. **epistemology** [Wri16]. **Epoch** [Dir90c, Dic59, Dir88a, Dir88b, Dir90d]. **Epokhe** [Dir90c]. **Equation**

[Aug95, BCJT16, Dir71f, Dir72c, Dir77h, Dir79h, Dir79i, Dir79j, Eva04, GB13, GG51, GH94, Inf34a, KK10, Löw64, MRB75, Plo15, QGW01, RK96, Sta67, Tiw12, Wüt11a, vN40, AD87, AME14, AKV83, AW17, Ata89, Ati98, BO92, BK76, Beh85, BCK97, BM70, BtGW95, BI34, BC69, BJ03, CG07, sC78, CGKS94, Coh70, CY91, Cri76, Dat04, Dav98, Dir35a, Dir59a, Dir71e, Dir77i, Dir79k, DSP03, EF77, EV97, Esp12, FA01, FM75, FSY00, FZ91, GLMR94, GL92, GF02, GS84, Ham84, Hil92, Hos82, Hos83, Hos87, Hos89, HM99b, HM99a, IJ02, IS10a, IS10b, IV85, IV87, IK91, Jin91, Jun97, KMW86, KM92, KRR90, KR92, Kis98, Köp06, KL90, KL92, Lan05b, Lin10, MB90, MB91, Mar88, MS95, yRSBSV99, MR51, Mil97]. **equation** [Nak00, RSK99, Riv94, RL68, Rüd84, San79, Sch38, Sel94, SCSB93, Sem93, SMI83, SV89b, SV89a, SC91, SC92b, SC92a, Sky71, SM35, Son99, Sri89, SES81, TVvN34, Tha92, Tha06, TCC97, TKS19, UK82, Vil90a, Vil90b, Vil95, Vrb94, Vul03, Wig72a, Wil03, WY84, Won90, Zas89, Zec96, BI34, Dav98].

Equations

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

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

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

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

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

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

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

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

[Jor59a]. **etc.** [Jor59a]. **éter** [Dir54a]. **Ettore**

[RCC⁺06, ACM10, Esp08, ES10, EAW15, MRB75]. **Euclidean**

[FA01, Lég95, Leh91, Ric03, dG80]. **Eugene** [Ble86, Hen89, L.88, Ram89, Sch85, Sch88, Stu88, Tor87, BVV84, Wig96d, dBDW⁺84]. **Eulogy** [Lan87a].

Europe [Rod19]. **European** [Dor82]. **Evaluation**

[McA90, WBD70, BBR03, GZDA01, MN97, MKK05, NK93]. **Evaluations**

[Moy81a]. **Evans** [Eva04]. **even** [SMI83]. **Evening** [BDH70]. **Evidence**

[CT83, Noe73]. **evidential** [Fra04]. **Evolution** [Dir63a, Dir71b].

Evolutionary [Dir72b]. **Exact**

[CGKS94, FA01, HM99b, HM99a, IV87, Jin91, Por95, ROB64, Rou84, RTV99, Sta67, Vil90a, Vil95, WP96, Won90, BC78, DK89, FM75, KBN83, PR86, SV89a, SV93, VP90, Vil90b, VC02, Wil91]. **examination** [BBSF10].

example [Coq85]. **examples** [AT94]. **Excellence** [Dir80e, Dir79f].

exceptional [Nas86]. **Exchange** [Csa92, Dir30c]. **Exchange-Energy**

[Csa92]. **Exciting** [Dir77f, Dir87e]. **Exile** [Ano33]. **exist** [Ros83]. **existence** [FSY00]. **Expanding** [Jor71, Kra15a, Kra15b, Sch41]. **Expansion** [BG91, Dir42b, GPS86, Jor66, Rij66, Csa81, Fin00, IM95]. **Expansions** [Din58, BDM81a, GFG01, Szm01]. **expectation** [YS03]. **Experiences** [Ano55, L.88]. **Experiment** [Pei36, Zic84]. **Experimental** [Ano34a, Dic64, DuM28, MBS02]. **experimenter** [Kri87]. **experiments** [KPW75]. **Explicit** [Cor70]. **exponential** [JT10]. **exponentials** [CPV10]. **Expression** [Lam69, Lam70]. **Expressions** [BBR85, Nov74, Wal76, Car92, Cor70]. **Extend** [Ano34a]. **extended** [BG90, Dir64e, IK91, MHN98, Pru73]. **extensible** [Dir62c]. **Extension** [CV90, AT94]. **Extensions** [All03]. **external** [AD87, Dar90, HM99a, Rou84, SV89b, SV89a, SC91, SC92b, SC92a, SV93, ZQ90]. **extra** [Car01, Kha86, KPW86]. **Extraordinary** [Dir90c, Gib19, Dir88a, Dir88b, Dir90d]. **extrapolation** [CY91].

F.R.S [Dir37c]. **F.R.S.** [DP86]. **Faces** [Bri18, RdO07, RdO16]. **factorization** [Cra85]. **Factors** [Din58]. **Fail** [GLR14]. **faite** [Dir48e]. **Fantastic** [WD06]. **Farmelo** [Cas10, Dys10, RS10, Sti13]. **Fast** [IKRT89a, IKRT91]. **Faster** [zXZ06]. **Father** [Dir03a]. **FD** [FR86]. **FDG** [FR86]. **FDH** [FR86]. **fears** [Dir69c]. **feet** [Pol87a]. **fejlődésük** [Dir78a]. **Feldgleichungen** [EM33a]. **feldtheoretische** [Lan30]. **félé** [Neu33]. **Fermi** [CT67a, Csa81, Csa92, DuM28, GG51, MHN98, Rij66, Tu91, YG77, BDM81a, BDM81b, BDM84, Bel82, Bel94, BBR03, BG91, CT67b, Cra88, Din58, Doa91, Fer86, FA10, Fuk14, FR86, GFG01, Gau93, Goa95, GZDA01, Kap40, Kos86, Löw64, Mac98, MS38, MR51, Mil07, MN97, MKK05, Moh07, NK93, NM01, Pei72, Pic89, Rho50, Sag91, SS11, Tu91, WBD70]. **fermion** [Fei02, ZQ90]. **Fermions** [FK08, Bel85, Col12, MZF⁺12]. **Feynman** [And88, Bus10, CY91, Bro05, DR93, FBD05, I08, KY93, Sch94a, Wüt11a, Wüt11b]. **fidelity** [AME14]. **Field** [Dir50a, Dir55d, Dir83b, Dun12, Har28, Inf53a, Ish90, KK10, KP83, Pau43, Sch69, Sch91a, Suc67, AD87, BN72, Bor85, CDK90, Dar90, Dir31b, Dir39a, Dir51a, Dir55b, Dir55e, Dir59c, Dir62a, Dir62b, Dir62e, Dir64d, Dir64e, Dir66b, Dir68d, Dir87d, EM33a, Gre77, HD77, Inf61, IU86, Jos72, Kur87a, LMV91, Lan30, Lan05a, Mal75a, Mal75b, MS87, Oev88, Ogu96, Olv86, RU81, Ran87, Rou84, Sal87a, Sal87b, Tam03, TCC97, YI90, ZQ90, dG80]. **field-theoretical** [Lan30]. **Fields** [BSW88, SBB⁺62, AW95, AFG75, BCK97, Can98, Car92, Car94, CH02, Dir25a, Dir49a, Dir62d, Hau72, HM99a, Ker90, LW78, Leh91, PR86, Reu99, SM91, SV89b, SV89a, SC91, SC92b, SC92a, SV93, Vil95, Yan78b]. **fifth** [Dor82]. **Fifty** [Kae48, RZ80]. **Fig** [Wil36]. **find** [Lub82]. **Finding** [CMO00, Car01]. **Findings** [Ano30]. **Fine** [BS67, Bek86, FK07, MWF07, SCPA04, WFC⁺99, AG03, BBSF10, Car01, CKYY07, Han99, MG87, Sta12]. **Fine-Structure** [BS67, Bek86, FK07, MWF07, SCPA04, BBSF10, Car01]. **‘Fine-Tuning** [Sta12]. **Finite** [QGW01, Dir62e, Sal87a, Sal87b, SWO76].

First [Ano33, Dat95, Ell91, GMW80, SDEW90, Stu18]. **First-Row** [Dat95].
Fisica [RCC⁺06, Wei77]. **Fixation** [Dir59d]. **fixed** [BB85]. **Fizika**
 [Med90, Koz90]. **fizikai** [Dir78a]. **fizike** [BDH70]. **fiziki** [Dir83d]. **Florida**
 [BB03, CMO00, Hal78, KPS⁺78, Per80, CH16, KP83, Lan87b, Oak00]. **fluid**
 [IV85]. **Flux** [DP03, Lub82]. **Flux-across-surfaces** [DP03]. **Fock**
 [Ish90, Dat95, DN96, VIK98]. **Fock-CI** [DN96]. **Fois** [Ano05, Kle05]. **Foldy**
 [Hos89]. **Folgerungen** [Jor66, HE35]. **Following** [UL31, Dir28a, Jär64].
fonction [Sch72]. **Forbidden** [GPS86]. **Forces**
 [Ell91, Dir73c, Dir73d, SDEW90, SHD91, Zic88]. **Form**
 [BBR85, Dir51a, Dir58d, Olv86]. **Formalism** [GG02, Rob66, Suc67, Ant69a,
 Ant69b, Kam86, Pru73, Wot91, vEdG85, vSJLEdJG86]. **Formation**
 [Jor49, MS87]. **former** [Phi87]. **Forms** [Dir49b, LC98, Tha88]. **formula**
 [Doa91, Mor85]. **formulas** [Wig01]. **Formulation**
 [GG02, Mar65, MR82b, Dir55a, GH75, RM96, Szm98, Szm99, Tjo75]. **fortalt**
 [BR64, RRK⁺64]. **Fossil** [Mau76]. **Foundation**
 [Jos72, Mat87, MR82d, MR82e]. **Foundations**
 [Dir64b, Dir66a, Dir78d, Med89]. **Four**
 [Ano75, HDW75, DW09, IU86, Lég95, Zas89]. **four-dimensional**
 [IU86, Lég95]. **Fourier** [CK90, CK91, Lig87]. **Fourth** [Jär64]. **fractionating**
 [Dir42c]. **Fragments** [Kra19]. **frames** [UK82]. **Framework** [Dun12]. **France**
 [Ano33]. **free** [BT90, Dir25d]. **French** [Bal85, BI34, Bor49, Bou01, CCJ⁺34,
 CT12, Dav98, Dir31a, Dir34c, Dir39a, Dir49c, Dir52c, Kle05, PS32a, PS32b,
 Sch72, dB32b, dB32a, dB33, dB34, dB51, dB52b, dB52a]. **frequencies**
 [Rob85]. **frequency** [Dir24b]. **Friedmann** [Sri83]. **friends**
 [BR64, RRK⁺64, Roz67]. **frontier** [BBC⁺94, Pet85, Pet88]. **frontiers**
 [KPS⁺78]. **FRS** [Dal87b]. **fuerzas** [SHD91]. **Function**
 [AT99, JP73, Lam69, Lam70, Rij66, BMP14, Car92, Deb13, Hos83, Hos87,
 Hyl84, IM95, JT10, Lut07, Rod80, Sch72, SS11, WY85]. **Functional**
 [Nil03b, All03, Csa81, SS11]. **Functionals** [Csa92]. **Functions**
 [Din58, Mac98, MS38, Nov74, ROB64, Rho50, Tau61b, Wal76, AW95,
 BDM81a, BDM81b, BDM84, Bel91, Dir55c, Fer86, GZDA01, GGS04, IP56,
 IP57, Kos86, Lig87, LW75, Mal75c, RS87, SWO76, ZQ90]. **Fundamental**
 [Dir25e, Dir67a, Dir71c, Dir73b, Dir77d, Edd46, Ell91, ES10, IPM73, Kur73,
 Mar84, Per67, SV95, WBR76, Alp73, CGK72, DPI71, DSW08, Dir84c, Dir84e,
 DOV02, Dys72, DFW99, IC04, Kha86, KPW86, LMSV08, Lee95, MR82c,
 Nil03a, Nor86, Pet85, Pet88, SDEW90, SHD91, SV90, Uza03, Dir78a, Str71].
fundamentales [SHD91]. **Furry** [Ano34a]. **Further** [Sta67, IP57]. **fusion**
 [Rei72a, Rei72b]. **Future** [Dir84b, Peg77, Pet11].

G [Dar91, L.88, Stu88]. **Gables**
 [DPI71, IPM73, Kur73, KPS⁺78, KP83, Per80, Kur87b]. **galaxies** [Hoy87].
Galileo [Buc80]. **Gallery** [Pai00a]. **Games** [Tau63c]. **Gamma**
 [Din58, IKRT89a, Lee95, Pod97]. **Gamma-Matrices** [IKRT89a]. **Gamow**
 [Alp73, GG76, Har01, Kra91b, Kra91a, Rei72a, Rei72b]. **gaps** [NP96]. **Gas**

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 MR82b, Nis32, Sei36, Tau61a, Wey31b, Wey50, vdW67, Ant69a, Ant69b,
 Bok04, CY91, Dir26f, Dir26c, Dir27a, Dir27e, Dir29a, Dir29b, Dir31a, Dir32b,
 Dir33b, Dir33c, Dir37a, Dir37d, Dir39b, Dir42e, Dir45b, Dir51d, Dir55b, Dir64b,
 Dir64c, Dir64f, Dir66a, Dir67f, Dir68a, Dir69a, Dir72d, Dir73f, Dir74c, Dir77d,
 Dir82b, Dir99, Dir01, Dir09, DR93, Fei02, FH65, FHS10, FK70, Got11, Haa34,
 Jär64, JT10, Mat87, MR82a, MR82c, Meh87a, MR87, MR00, MS68, Pol87c,
 Tjo75, vEdG85, vdW68, vdW07, Eps35, LJ31, Pol58, Tem35, Hei30a, Dav36].
Mechanics [Hei30b, Pau30, Bro06, Kra13]. **Mechanics.** [Ett31].
mechanique [Dir53c]. **mechnanics** [Dir54a]. **Medaille** [Ano52]. **Medal**
 [Ano85, Ano13]. **medarbejdere** [BR64, RRK⁺64]. **mécanique** [Dir90a].
Meeting [CCJ⁺34, Pei87a, Ruf82, Wig87a, Wig96a, Hal78]. **Mehra** [Dys74].
mekhanike [Dir68a, Dir99]. **Mekhaniki** [Dir32a, Dir60c]. **Mem** [Dir61b].
Memo [BBD⁺46]. **Memoirs** [Dir05b]. **Memorial**
 [And88, Ell91, Pei87a, SDEW90, dG97, Dir71a, FW87, Haw98, Pei92, Rei72a,

Rei72b, Wig87a, Wig96a]. **Memories** [Dir88a, Dir88b, Dir90d, Kir97].
memory [Ano85]. **men** [Sch94a]. **Mensch** [Far16]. **mérés** [Neu33]. **Merwe**
 [Ble86, Sch85, Tor87]. **Mesotron** [Kap40]. **meteorites** [PD62].
Meteorology [Tau63c]. **Method** [BCJT16, Pau43, Tau49, BO92, Cra88,
 Fuk14, GL92, Inf53b, LCH10, NM01, RSK99, SM35]. **Méthodes** [Dir53c].
Methods
 [Dir69d, Dir82d, Dir89, Har28, Dir30a, Dir41, Dir64c, Dir70b, MKK05, RS87].
metric [Hei72, HM99b]. **metrics** [IK91, SC92b]. **Metrological** [IC04].
Miami [KPS⁺78, KP83, Sta87]. **microwave** [Han99, YS03]. **Mills**
 [LH86, RTV99, Tol98, Lan01, MB90]. **mind** [II08, WD06, Sno73, Bus10].
minds [Pic08, Wal09]. **Minkowski** [GLMR94, KLMW88, Pod97, RK96].
Miramare [Meh73]. **mirror** [HW96]. **Mixed** [Lub75]. **Mode** [DJ95].
Model [GD10, Mon95, Das96, Dir62c, ERW75, Gab13, KM04, OS81, RM95,
 WP96, Wot91]. **Modeled** [Csa92]. **Modelers** [Lak96]. **Models**
 [Dir74b, Dir81c, Lak96, All03, Len14]. **moderation** [LT04]. **Modern**
 [BBBM90, Far03, Gib19, HSD34b, L.88, Bra09, Inf34b, Nor65, Nor90, ZdSS91,
 HSD34a]. **moderne** [Ben34, HSD34a, Wil36]. **modification** [IP57].
Modifications [MR82b]. **modified** [Bel85, IP56]. **Molecular**
 [DN96, McW73, QGW01]. **Molecules** [FK07, BBSF10, ERW75, EG84].
Möller [Ano67]. **Moment** [Roz20, BK76, BB85, Beh85, Ogu96, Rou84].
momentum [Dat04, DMH85, Nak00]. **monatomic** [Fer26]. **monobromide**
 [BBSF10]. **Monografii** [Dir02]. **monograph** [Bus10]. **Monographs**
 [Dir02, Sch85]. **monopol** [Dir74f]. **Monopole**
 [Ble76, Che77, Fer49, HSZ76, Kol67, MC70, Pic81, RZ80, BB85, BG90, CK78,
 Coq85, Cor86, Dir77e, Dir78e, Fre95, Gre77, IU86, Kra81a, LMV91, Lub75,
 Lub82, MG87, NdlC08, Oli98, Pos84, TCC97, Vil95, Yan78b, Yan78a, YI90].
Monopoles [For63, Hen83, MKS⁺13, Sch06, CT83, Dir74f, Dir76c, Fre95,
 God87, Hoy87, LBNZ98, Ros83]. **Moon** [Dir80g]. **moons** [RA11]. **most**
 [EM33a, Haw11]. **motion** [Dir42c, Dir64e, Dir69b, Dir70a, Dir71d, Dir74a].
motions [AW95]. **moving** [Bet83]. **moyennes** [dB32a]. **multicomponent**
 [YZ08]. **Multiconfigurational** [VIK98]. **Multiplication**
 [Dir43a, Dir42d, PFD43]. **Multiscale** [BCJT16]. **multivectorial** [KRR90].
Must [Ano30, Far03]. **My** [Dir83a, Dir03a, HC87, Dir87a, Kem87]. **Mystery**
 [Ano30, FR13]. **Mystic** [Cas10, Dys10, Far09b, RS10]. **mystifying** [Lut07].

N [Hen89, L.88, Ram89, Sch88, Stu88]. **Nach** [Dir60b, Sei36].
näherungsweise [SM35]. **Named** [Ano33, BBC⁺94]. **nanowire** [MZF⁺12].
Nation [Ano33]. **Natural** [McW73, EM33a, LT04]. **Nature**
 [Dir63a, Dir87c, Gam68, HN71, Kra19, Wil58, Alp73, Bar02, Dir71b, Dir73a,
 Dir74e, Meh73, Zic88, Dys74]. **natürlichsten** [EM33a]. **Naturwissenschaft**
 [Smo93]. **nauchnych** [Koz90]. **Nauchnye** [Dir03b, Dir04, Dir05b].
Nauchnykh [Dir02, Dir03b, Dir04, Dir05b]. **nauki** [Inf33]. **Near** [Dat95].
Negative [Ano30]. **neobychajnoj** [Dir90d]. **Neobychajnoï** [Dir90c]. **net**
 [Sel94]. **Neuberger** [HJL00]. **Neue** [Ben34]. **Neumann** [F⁺00, Mar65,

Réd05, Tau61a, Tau61b, Tau63a, Tau62, Tau63b, Tau63c, Tjo75, vN96].
Neurons [Kir97]. **neutral** [BB85, Csa81, Ogu96, SV93]. **Neutrino**
[GLR14, Gar84, KM84, PR86, Gar84]. **neutrino-electron** [Gar84].
Neutrinos [Fio06, zXZ06, Ano08, CGKS94, CT12, Fra04, HM99a, CT12].
Neutron [Dir42d, Dir43a, JRF06, LT04, VKA21, PFD43]. **Newman**
[EF77, KM92]. **Newton** [BP95, KN03, LBNZ98, WW86]. **Niels**
[BR64, Dir64g, Dir67d, Kra17, RRK⁺64, Roz67]. **No** [EKI94]. **No-Pair**
[EKI94]. **Nobel** [HSD34a, Ano33, Ano34b, Ano65, Bri95a, DS83, Gre05,
HSD34b, LW34, Pau45]. **Nobelpreis** [Ano51]. **Nobelpreises**
[HSD34a, Wil36]. **Nodes** [Dir26a]. **Non**
[Fey48, FSY00, Har28, Dir42a, Dir42d, Dir55c, FZ91, MB90, MB91, Mar88].
Non-Coulomb [Har28]. **Non-existence** [FSY00]. **non-Lie** [FZ91].
non-orthogonal [Dir55c]. **Non-Relativistic** [Fey48]. **non-Riemannian**
[MB90, MB91, Mar88]. **non-scattering** [Dir42a]. **non-uniform** [Dir42d].
noncompact [BT90]. **noncovariant** [CY91]. **nondiagonal** [SC92b].
Nondispersive [Hil92, SBZ90]. **nonexistence** [Zas89]. **nonextensive**
[JT10]. **nonextensive-statistical-mechanics** [JT10]. **nonfactorizable**
[HM99b]. **Nonlinear**
[Bou08, Ker83, KK10, AKV83, FZ91, PSA94, RU81, SES82, SOS84, Tak79].
Nonrelativistic [BCJT16]. **nonstandard** [LW75, Nak97]. **Nonunitary**
[yRSBSV99]. **Nordström** [FSY00]. **norm** [Tam03]. **Normal** [DJ95, Tha88].
Normal-Mode [DJ95]. **North** [BCEP94]. **Notation** [Ano67, Dir39b]. **Note**
[Dir24b, Dir24c, Dir30c, Dir30d, Dir55c, Wal76, Tjo75]. **Notes**
[AG13, Pei42, RS10, Bel82]. **nothing** [Wea16, Ryc17]. **novel** [SBZ90].
November [Hal78, Lan87a]. **Nowe** [Inf33]. **noyaux** [CCJ⁺34, Sch72].
Nuclear [Irv83, Mau76, Mla98, Stu18, Wig96d, AG13, Kae48, RC13]. **Nuclei**
[CR12, CCJ⁺34, Sch72]. **nucleosynthesis** [Kha86, KPW86, YS03]. **Nucleus**
[FR13]. **null** [KM84]. **number** [DOV02]. **Numbers**
[Alp73, Dir74b, Dir75d, Dir78c, Dir79g, Bar02, D'A02, Hes75, PP71].
Numerical [Csa92, HJL00, Pic89, Sei99, Tau63b, AME14, AKV83, LCH10,
NK93, SM91, SFVW95, SG11, F⁺00]. **Numerology** [Gam68]. **NUT**
[CV02, LBNZ98].

O [Ble86, Sch85, Tor87, Bel82, Dir90c, Dir90d]. **Obey** [Kap40]. **Obituary**
[Bin00, DP86, Dir40, Dir61b, Dir75e, Pei85]. **Objects** [Gam67d]. **oblate**
[DFPP43, PFD43]. **Observables** [Hes75, Cor07, Hes73]. **observational**
[Uza03]. **Observations** [VKA21, FA10]. **observed** [Dic59]. **Obtain**
[Ano34a]. **October** [CCJ⁺34, DP86, Far01, RCC⁺06]. **octobre** [CCJ⁺34].
octonions [Köp06, MB91]. **odd** [Pai90]. **odyssey** [SG11]. **off** [Wig01].
off-diagonal [Wig01]. **Oklo** [LT04]. **Old** [Dic59, PB68, Zic88, Zic88]. **Oliver**
[Ano30]. **OM** [Dal87b]. **Omega** [Bar02]. **onde** [dB32b]. **One**
[Gib19, Gun15, Kir97, NP96, Wal09, AKV83, Dar90]. **One-dimensional**
[NP96, AKV83]. **ongoing** [Das96]. **ontology** [Wri16]. **Open**
[Bok04, KL92, VC02]. **Operator** [DJ95, HJL00, Hin77, Neu00, Szm98, Szm99,

Ara93, BT90, Cla94, Dir37d, FG87, FSS98, Fei02, HW90, KMW86, KLMW88, Lan01, Mil98, Pen99, Pod97, Tam03, Tha88, Tol98, Tra92, de 89]. **Operators** [GZM05, Tau63a, All03, BILP03, CV02, DEŠ89, FGM⁺96, Hes75, KY01, KM84, KLMW88, Kla90, LR79, LRK80, Olv86, Wil98, WY84, Zor80, de 91, Tau61b]. **Oppenheimer** [Ano34a, Dir71a]. **Optical** [CR12]. **optics** [Bat07]. **Orbis** [Per80, KPS⁺78, KP83]. **Orbit** [Löw64]. **orbitals** [Tal04]. **Orbiting** [RA11]. **orbits** [Hal87]. **Order** [Mac98, Rho50, VIK98, Hos87, Hos89, Kru94]. **Orders** [CT67b, CT67a]. **organized** [Ruf82, Sal69]. **Origin** [Dir83b, Cor70]. **Original** [Ano34a]. **Origins** [Moy81b]. **orthogonal** [Dir55c, Vil90b]. **orthogonally** [KM84]. **oscillator** [Cra93, DST92, LMV91, MSB92, de 91]. **Osnovy** [Dir32a, Med89]. **Other** [L.88, K.L88, Tau62, Bri95a, Rei72a, Rei72b, Sha87]. **Our** [Bek86, Dir71b]. **Overlap** [Neu00, Tal04]. **Owen** [Ryc17]. **Own** [Bek86]. **Oxford** [RS10].

P [And88, Bel73, Ben34, Dal87b, Dar96, Dav36, Dir37c, Eps35, Ett31, Hal78, Hei30a, Hen89, Hov96, Jär64, Kil76, KMPD85, L.88, LW78, LJ31, Pol58, Ram89, Sch69, Sch85, Sch88, Stu88, Suc67, Tem35, War96, Wil36, Ryc17]. **P**. [Ano85, BP79a, Cha73, Dal95, Dar96, Dir80a, Eli87, Got11, Hei30b, HK93, Jär64, Kri87, MS87, Med90, Meh72, Meh87b, Meh87c, Pau30, Sch94b, Smo84, Wri16]. **P/b** [Sch85]. **packet** [SBZ90]. **Padé** [Rod80]. **pages** [RS10]. **Pair** [EKI94, KM84, EKI94]. **Palais** [Dir48e]. **Pantheon** [Lee21]. **paper** [Dit15, Pei42]. **Papers** [Ano75, Anoxx, Dir03b, Dir04, Dir05b, HDW75, Sch58, Sch03, vN96, CH16, DPI71, DP97, Dor82, GG76, Haw11, Oak00, Wig96d]. **para** [JM99]. **para-supersymmetry** [JM99]. **Parameter** [Som36, KM84]. **parameters** [DW09, Som36]. **Part** [MR87, Dir43a, Har28, PFD43, Wig96d]. **Particle** [BH83a, BH83b, Dir24c, Dir73h, Roz20, Ser12, AW17, BB85, Bou01, BG90, Bro77, BH82, CY91, Dir64e, DP03, FA01, IT84, IT88, Kat00, LCH10, Nil82, OS81, Ogu96, Rou84, SMI83, SS98, Son99, dB51]. **Particles** [And88, Ano18, Dir62e, Cor70, Dar90, Dir74a, Dir86, FW87, Fis10a, Fis12a, Kos86, KP83, Mil07, PB68, RS84, Riv94, SV93, Sri83, dB52a]. **particular** [CGKS94, MN97]. **particule** [Bou01]. **particules** [dB51, dB52a]. **partir** [BI34]. **partnership** [BR87]. **Pascual** [Kra15b]. **Passion** [Jon08]. **past** [Pet11]. **Path** [Nak97, Nak00, OS81, PS79, Bel82, FH65, FHS10, IT84, KY93, Len14, Rum86, SS72, SH99, Zas89]. **path-integral** [SS72]. **path-space** [Zas89]. **pathways** [Inf33]. **Paul** [Ble86, Cas10, Dar91, Dir74d, Dys10, Far16, Hen89, L.88, Ram89, RS10, Sch85, Sch88, Sti13, Stu88, Tor87, Wig88, Wig96a, Ano52, Ano83a, Ano83b, Ano10, Anoxx, BvdM83, BVV84, Bok08, Bri95b, BR87, Bro06, Cas85, CH16, CMO00, Cri18, DP86, Dal87a, Deb13, Dir87a, Dys87, Far09a, Far09b, Far16, Fis10b, Fis12b, God98, Hal85, Kem87, Koz90, Kra13, KW87, K.L88, Lan87a, Lan87b, McC04, MB11a, Mot87, Oak00, Pai98, Pai00b, Pei85, Sno73, Tay87b, Wal09, Wig87b, Wig96c, dBDW⁺84, Kib98]. **Pauli** [CV02, Dit15, GH75, Hor11, JW28, Sch99]. **Paulische** [JW28]. **PC** [IKRT91]. **peace** [Kra17]. **pedagogy** [BN13]. **Peierls** [DP97]. **perfect** [IV85].

perfection [Dir79m]. **Periodic** [Tau61b, FSY00, NP96]. **Perlman** [Dir64a].
permeate [BMP14]. **personal** [Oak00]. **perspective** [Dir75c, Kra06].
perspectives [HE82]. **Perturbation** [Kis98, Löw64, Zor80, Dir55c]. **Peter**
[L.88]. **Phase** [Lin10, Nil82]. **Phase-integral** [Lin10]. **phenomena** [Dir30c].
phenomenological [EAW15]. **Philosophy** [UM86, Dir37c]. **Photo**
[Ano83a, Ano83b, DH32a]. **Photo-electric** [DH32a]. **Photon** [MRB75].
Phys [Szm99]. **Physical** [Dir27b, Dir37c, Dir87c, Dor82, Tel48, D'A02, Dic59,
Dir42e, Dir68b, Dir84c, Dir84e, ES10, Jor37, Pet85, Pet88, DSK72].
physiciens [CT12]. **Physicist** [Dir63a, Dys74, Hen89, Ram89, Sch88, Stu88,
Dir73a, Dir83a, Gre05, KW87, Meh73, L.88]. **Physicists**
[Ano33, Gun15, Ser12, vW02, CT12, Fre87]. **Physics**
[And88, Ano34b, BDH70, BH83a, BH83b, Bun82, Dir76a, Dir76b, Dir84b,
Dys93, Gam85, Hal78, HSD34a, Hen84, HK93, Irv83, Koz90, Kra82, Kur73,
McW73, Med90, Meh73, Mla98, Pau45, RCC⁺06, Rob85, Ruf82, Ryc17, Sch85,
Stu18, Suc67, Zic88, AG13, Ano65, BN13, BDH⁺89, Bra09, BH82, BP79b,
CM86, Dir39c, Dir53a, Dir69d, Dir70a, Dir70b, Dir71c, Dir71d, Dir77a,
DHS78, Dir80d, Dir81b, Dir82d, Dir89, Dor82, EAW15, FF91, FW87, Gam66a,
Gam66b, Gam72, Haw11, IPM73, Kae48, KHFA67, KPW75, KPS⁺78,
KMPD85, McC04, Meh72, Meh75, Meh87b, Per80, RC13, Rec97, Sal69, SS03,
Str11, Wea16, Wei77, Zic00, CCJ⁺34, L.88, LW34, Wig96d, Str71]. **Physik**
[Ano51, Dir53a, Dir77a]. **physikalischen** [Jor37]. **Physiker** [vW02].
physique [CCJ⁺34]. **Picture** [Dir63a]. **Pictures** [Dir64a]. **piece** [Wil03].
Pierre [Ble86, Tor87]. **pilot** [Col12, dB52b]. **pilot-wave** [Col12, dB52b].
pilote [dB52b]. **Pinpointing** [Ano12]. **pioneers** [DR93]. **Planar** [CH02].
Planck [Ano52, BF12, Fis10a, Fis12a, Ano12, Bos24, Cra88, Fis10a, Fis12a,
Inf61, Inf63, KM12, MR82d, MR82e, Noe73, Peg77, WB78]. **Plancks** [Bos24].
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Playing [Pai87]. **plus** [DSP03]. **Pluto** [RA11]. **Poet** [Ano33]. **Poincaré**
[Dir72a]. **point** [All03, Dir48b, Ric03]. **point-circle** [All03]. **Poisson**
[FLS76, Lan72]. **Pol'** [Koz90]. **Poles** [Dir48a, Ama68, AC72, Dir48d, Dir84d].
Polish [Inf33]. **politics** [Sch99]. **polya** [Dir90b]. **Polygamma** [Din58].
Polymath [Har01, Hen89]. **polynomials** [MR10]. **Pontifical** [Dir80c].
Pontificia [Buc80]. **pontosságának** [Neu33]. **Portrait** [Pai00a]. **portraits**
[Far01]. **Position** [BF12, Hin77, KM12, Dic59]. **Positioning** [BF12, KM12].
Positive [Dir71f, Dir72c, Dir73h, Dir71e, Gam33, Pei34]. **Positive-Energy**
[Dir71f, Dir72c, Dir73h, Dir71e]. **Positron**
[Dir75a, HE06, Mon95, Pas12, CDK90, Dir34a, Dir34c, Dir34b, Dir84a, Far10,
Gol05, Hei34b, Hei34a, HE35, Maj37, BBC⁺94]. **positrone** [Maj37].
Positrons [Dir34d, Hei34b, Dir65b, Dir91b, Hei34a, HE35]. **possibility**
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[Can98]. **Post** [Ano34b]. **posteriori** [ABR06]. **posters** [Ano02]. **Postscript**
[Sch94c, Mit10]. **potential** [Ara93, BC78, DEŠ92, DSP03, GS84, Hyl84,
IS10a, IS10b, IU86, KY93, yRBSV99, RU81, SMI83, Vil95, YI90, de 89].
potentials [BCK97, BM70, Cor70, Cri76, Fin00, SCSB93]. **power** [SMI83].

pozitrona [Dir34b]. **Pp** [Hen89, War96, Dre90, Dys10, Suc67]. **Precisely** [Cor07]. **Precision** [Csa92, Fer86]. **predict** [Far10]. **predictable** [Cor07]. **Prediction** [Dir78h, GLR14, Pas12, Gol05]. **Prehistoric** [Irv83]. **Prehistory** [Dir80f]. **Preis** [Ben34, Ble86, Deh36, Wil36]. **Prejudice** [Dir76a]. **prejudices** [Dir77a]. **Preliminary** [Dir26e, Dir67c]. **Presence** [MC70, AD87, Fin00, Hau72, HM99a, SV93, SS98, Vil95, YI90]. **Present** [Dir83c, Dir59f]. **presentation** [Ano65]. **presented** [Dor82]. **preservation** [Oak00]. **Press** [Ble86, Dre90, Hen89, Hen91, RS10, Ryc17, Sch85, Suc67, War96]. **Presymplectic** [GNH78]. **Pretty** [Dir82a, Dir82e, Dir85]. **previous** [Dat04]. **Primordial** [Noe73, Kha86, KPW86]. **principe** [Bor49]. **principes** [Dir31a, Dir90a]. **Principios** [Dir67b, Dir68c, Dir69e]. **Principle** [BD61, Dic61, HND⁺62, Plo15, BP95, CGK72, Dir24b, Dir74a, LR79, LRK80, PD62, Dir61a]. **Principles** [Bro06, Dav36, Dir30b, Dir30f, Dir35c, Dir47b, Dir58c, Dir59e, Dir67b, Dir67e, Dir68c, Dir69e, Dir81d, Dir03c, Eps35, Ett31, Hei30b, LJ31, Plo15, Pol58, Tem35, Dir31a, Dir09, Hei30a, Jär64, Jor52, Jor55, Kra13, Pau30]. **Printsipy** [Dir60c]. **Prinzipien** [Dir30b]. **Priscilla** [BBC⁺94]. **Prism** [UM86]. **privedshem** [Bel82]. **Prize** [HSD34a, Pau45, Dir71a, Ano33, Ano34b, Aur71, DS83]. **Prizes** [LW34]. **probabilistic** [Leh91]. **Probability** [Kos86]. **Probe** [IRV⁺08]. **Problem** [DJ95, Cha72, Cor70, Cor86, Dir30d, Dir33c, Dir80g, IU86, NdlC08, YI90, ZdSS91, Sta12]. **problèmes** [Dir30h]. **Problems** [DH32b, JP73, Nis32, All04, Ant69a, Ant69b, ABR06, BM98, Dir71c, PB68, Str71]. **procedure** [PSA94]. **Proceedings** [Dys74, KP83, Zic88, Hal78, Kur73, KPS⁺78, Per80, Sal69, Wat91, BB03, BCEP94, Ruf82]. **processes** [Car94, Dir36a]. **product** [Mor85]. **Production** [Sch06]. **Prof.** [Ano34b, Dir37c, Dir61b]. **professional** [Bus10]. **Professor** [Dal87b, Fre87, HC87]. **Professors** [KN03, Nis35a, Nis35b, LW34]. **Profs** [Ano33]. **program** [BDM81b, BDM84]. **prohibition** [JW28]. **Projections** [RK96]. **Projective** [Sch91a, TVvN34]. **Proof** [Bar81]. **propagating** [CGKS94]. **Propagation** [IT84]. **propagator** [AW95, IJ02, Rum86]. **propagators** [RR93]. **Properties** [Ara93, Goo55, Beh85, CCJ⁺34, GZDA01]. **property** [Mur71]. **propriétés** [CCJ⁺34]. **Proton** [Dys67, Mon95, SBK⁺08, CKYY07, Dir30g]. **proton-electron** [CKYY07]. **Proton-to-Electron** [SBK⁺08]. **Protons** [Dir30i, Dir30e, Dir30j]. **Proximity** [FK08]. **Pseudospectral** [BCJT16]. **pseudospheres** [Cla94]. **pseudospin** [IS10b]. **Psi** [Din58]. **pure** [Ric03]. **Puti** [Dir83d, Bel82]. **Putting** [Wil93b].

QED [Sch94a]. **quadrature** [MKK05, Sag91]. **quanta** [Bor49, Inf33, Inf34b, Lub82]. **Quantelung** [Fer26]. **Quantengenies** [Far16]. **Quantenmechanik** [Deh36, Dir27e, Haa34, Dir30b, Wey31a]. **Quantensprung** [Fis10a, Fis12a]. **Quantentheorie** [Dir28f, Dir28d, Dir28e]. **quantification** [Dir49c]. **quantique** [BI34, Dir30h, Dir31a, Dir53c, Dir90a].

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T [Bus10, CK78, Dir02, Dir03b, Dir04, Dir05b]. **T.** [Dir52a]. **tale** [BMS02a].
talk [Bri95a]. **Tallahassee** [BB03, Hal78, LW78, Wig87a]. **Taub** [CV02].

Taylor [L.88, Stu88, Dar91]. **team** [Car01]. **techniques** [RL68]. **Teilchen** [Fis10a, Fis12a]. **temperature** [Dir24a, PD62]. **Ten** [Jon08]. **tensor** [Bet83, Dar90, DMH85, Dir55e, IS10a, Lan05b, RM96, SS98, WY84]. **tenu** [CCJ⁺34]. **Teoria** [Maj37, Bun52]. **teorii** [Dir59f, Dir90b, Med89]. **Teoriya** [Dir34b, Dir02, Dir03b, Dir04]. **Term** [Sch91a, FG87, KY01, Wot91]. **Terms** [Löw64, AW95, ABR06, Cor70, Mal75c, MHN98]. **Test** [BF12, Dir79l, KM12, Rob83, Wil93b, Dir80b]. **Tests** [Rob85, Ano08, MBS02]. **tetrad** [Can98, Nas97, RM95]. **tetrads** [UB83]. **Tevatron** [Sch06]. **textbook** [Tiw12]. **textbooks** [BN13]. **Thales** [Lak96]. **théorie** [Dir48e]. **Their** [Sch06, Cor70, Dir73b, Dir78a, Dir86, Dys72, LC98, Oak00, Som36, Uza03]. **them** [Pic08]. **Theorem** [RRS06, DP03, Kla90, Sem93, Bar81]. **theorems** [Cra85]. **theoretic** [WY84]. **Theoretical** [Dic64, KPS⁺78, KP83, L.88, Meh73, Ruf82, Sal69, Dir69d, Dir70b, Dir82d, Dir89, EAW15, Jor52, Jor55, Lan30, Lan05a, Meh72, Meh87b, Uza03]. **theoretischen** [Jor52, Jor55]. **Theorie** [Hei34b, Hei34a, HE35, Lan30, Neu33, vN28, Dir34c, Bor49, Bou01, Dav98, Dir39a, PS32a, PS32b, dB32a, dB33, dB34, dB51, dB52b, dB52a, Som36]. **Theorien** [Deh36, Haa34]. **Theories** [BSW88, KPW75, Mar84, McA90, WW86, BM98, GH75, Haa34, Sal87a, Sal87b, Szm98, Szm99, LT62]. **Theory** [Ano30, Ano34a, BD61, Bro05, Dir27d, Dir30i, Dir30j, DH32b, Dir34d, Dir43a, Dir55d, Dir65b, Dir75g, Dir75a, Dir76c, Dir79d, Dir82f, Dir83b, Dir83c, Dir91b, Dir96, DPP97, Dir02, Dir03b, Dir04, DuM28, Dun12, Dys07b, EKI94, FBD05, Gam85, HSD34a, HE06, HL38, Hov96, Inf34a, Inf53a, Kil76, Kim80a, Kim80b, Kra81b, Löw64, Mar65, Neu33, Plo15, Sch91a, Sla29, Tau61a, Tau61b, Tau63b, Wey31b, Wey50, Wie29, vN28, AW17, BNB94, Bor49, Bor52, Bou85, Bou01, Bun52, BV85, Caw69, Che77, Col12, Dav98, Dir26c, Dir27c, Dir28f, Dir28d, Dir28e, Dir28b, Dir28c, Dir34a, Dir38a, Dir41, DPP42, Dir48c, Dir48d, Dir48b, Dir49a, Dir50a, Dir51c, Dir52d, Dir54c, Dir55b, Dir58d, Dir59d, Dir59f, Dir62a, Dir64d, Dir66b, Dir71a, Dir73g, Dir78d, Dir78f, Dir79f, Dir80h, Dir84c, Dir84d, Dir84e, Dir87d, Dir79m]. **theory** [DSP03, Edd46, GB90, Gam33, Gam66a, Gam66b, Gam72, Gol05, GNH78, Hei34b, Hei34a, HE35, Hes73, Hes75, Inf63, IU86, Jos72, Kam86, Kis98, Kru94, KP83, Kur87a, Lan30, Lan05a, LW78, Lip87, Lou83, Maj37, MHN98, MS87, Med89, MR82d, MR82e, Oev88, Olv86, Pai72, PS32a, PS32b, Pei34, Pei35, RM96, SW72, SS11, Som36, Tha88, Tra92, Zic84, dB32a, dB33, dB34, dB52b, dB52a, Dir34c, Dir34b, Dir39a, Dir79g, Dir80e, Har28, Sch69, Suc67, Tau63c, dB51, Bel73]. **There** [Ano30, Dir51b, Dir52a, Dir52b, Fra04]. **thermodynamic** [BSW98]. **Thermodynamics** [Bor49]. **thermodynamique** [Bor49]. **Thesis** [Bro05, FBD05]. **Things** [MB11a]. **Thinking** [Ano00, Dir87a]. **third** [Zic88]. **Thirties** [Hen84, Kra82]. **Thirty** [Gam66a, Gam66b, Gam72, Gam85]. **Thomas** [MR51, Csa81, Csa92, Dir30c, GG51, MHN98, Rij66, Tu91, YG77]. **Thomson** [Lak96, Fal97]. **Thought** [Dir79a, Pai90]. **Thoughts** [Dir05b]. **Three**

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Three-dimensional [Kam86, BV85, FA01, IU86]. **three-wave** [BSW98].
tidy [Mil97]. **tighter** [Rob85]. **Time**
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FK07, Gam67a, GT85a, GT85b, GT86, IRV⁺08, JRF06, Kha86, KPW86,
Mar84, MWF07, SBK⁺08, Sch85, SV90, SV95, SCPA04, Tor87, VKA21, WB78,
WFC⁺99, Wes80, Wil58, WBR76, WW86, AME14, Alp73, BO92, BMS02b,
BVV84, BBSF10, Car01, Das93, DSW08, Dir53b, Dir73b, Dir73e, Dir74e,
Dir78a, Dir80b, Dys72, DFW99, FA10, Fey48, FSY00, Han99, IT88, JM99,
Jin91, KM92, KLMW88, LT04, LMSV08, Lee21, Lev80, Mal75a, Mal75b,
Nas86, Nil03a, RSK99, Sri89, Wig72b, YS03, Zas89, Zec96, dBDW⁺84].
time-dependent [AME14, RSK99]. **time-energy** [Wig72b]. **time-periodic**
[FSY00]. **time-variation** [Nil03a]. **Times**
[Ano30, ES10, IV85, IV87, KM84, Kle05, PT86, Rüd84, VP90]. **Todorov**
[CY91]. **Together** [MB11a]. **told** [BR64, RRK⁺64]. **Tomonaga** [Sch94a].
tool [TKS19]. **Topics** [Tau62]. **Topological** [FK08]. **Topology** [AFG75].
torsion [UB83, Vul03]. **trace** [Eeg80, IKRT91]. **Traces** [IKRT89a, PKKL09].
Tragedy [Jon08]. **Transform** [YYH⁺01, Leo80]. **transformation**
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[LC98, Moh07, SCSB93, BMS02a, CV90, CY91, FA01, GL92, IT88, KM84,
Kis98, MHN98, RSK99, Sem93, Ano34a]. **Two-body**
[LC98, SCSB93, CV90, GL92, Sem93]. **two-dimensional**
[FA01, IT88, Kis98, RSK99]. **two-parameter** [KM84]. **Tying** [MB11a].
Type [RRS06, Ser12, EM33a, FA10, Hos89, MD88, MB90, MS95]. **Typus**
[EM33a].

U [Ryc17, Haa34, Wil36, Ber09, Dir42b]. **U-sphere** [Dir42b]. **UF** [DN96].
unbounded [Kae48]. **uncertainty** [Wig72b]. **undergraduates** [Tiw12].
Underlie [RK96]. **understanding** [Dir71b]. **unificaciön** [SHD91].
Unification [Ell91, RM95, SDEW90, DNRV03, SHD91]. **Unified**
[GG02, Mar65, Sch91a, Kur87a, Tjo75]. **Uniform**
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Unit [Nov74, Wal76, Sch38]. **Unit-Step** [Nov74, Wal76]. **unitaire**
[PS32a, PS32b]. **Unitary** [Dir45c, FG87, Wig39, PS32a, PS32b, Wig89].

Units [McW73, SH59]. **Universe** [Bus10, Jor49, RS10, Bar02, Car01, Dir81c, HW06, II08, LMSV08, Nor65, Nor90, VC02, Sch41, Sri83]. **Università** [RCC⁺06]. **University** [Ble86, Dre90, F⁺00, Hal78, Hen89, Hen91, KPS⁺78, KP83, RS10, Sch85, Suc67, War96, BB03, CH16, CMO00, KN03, Lan87b, Oak00, Sta87]. **unknown** [Dir84e, ES10, PKKL09]. **Unorthodoxy** [DL82]. **Unravelling** [FR13]. **Unwinding** [MKS⁺13]. **Upper** [Sch06]. **USA** [BB03]. **Use** [Sta12, Dir55c, Dir71d, Inf53b]. **used** [Dir69b, Dir70a]. **Using** [AT99, Cra88, Csa92, QGW01, VKA21, Bel91, CPV10, JT10, Lee21, MB90, MB91, Mar88, RS87, Sei99, Vul03, Wot91].

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W [Ben34, Wil36]. **walk** [RR93]. **Walker** [KL90, KL92, VP90, Zec96]. **Wars** [Stu18]. **Was** [Wil93b, Lan87a]. **watershed** [RC13]. **Wave**

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Waves [Bou08, KK10, Dir60b, Dir60a, Dir87b, Haa34, KD33, Kim80a, Kim80b, Mur71]. **way** [Pai87, Pei87b]. **weak** [Web87]. **Weatherall** [Ryc17].
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Dirac:1926:QMP

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Dirac:1927:QS

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Dirac:1930:AEP

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ety, 26(3):361–375, 1930. CODEN MPCPCO. ISSN 0305-0041, 1469-8064.

Dirac:1930:PQM

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Dirac:1930:P

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Dirac:1930:QPM

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Dirac:1931:PMQ

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Dirac:1932:OKM

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Dirac:1934:TDP

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Dirac:1937:CC

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Dirac:1942:PIQ

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Dirac:1945:URL

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Dirac:1947:DQE

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Dirac:1947:PQM

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Dirac:1948:TPE

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Dirac:1948:QDT

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Dirac:1949:FRD

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Dirac:1949:SQ

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Also includes a small amount of material pertaining to Eva and Peter Aldor. Correspondents include Eva Aldor, Frank Aydelotte, Hans Albrecht Bethe, Garrett Birkhoff, S. Chandrasekhar, George Bernard Dantzig, P. A. M. Dirac, Carl Eckart, Enrico Fermi, Abraham Flexner, George Gamow, Kurt Gödel, Herman Heine Goldstine, Werner Heisenberg, L. van Hove, Cuthbert Corwin Hurd, Pascual Jordan, R. H. Kent, George B. Kistiakowsky, Oskar Morgenstern, J. Robert Oppenheimer, Rudolf Ortway, Wolfgang Pauli, Marshall H. Stone, Lewis L. Strauss, Abraham Haskel Taub, Edward Teller, Stanislaw M. Ulam, Oswald Veblen, Klara Dan Von Neumann, Warren Weaver, Hermann Weyl, Norbert Wiener, and Eugene Paul Wigner. Gift, Marina Von Neumann Whitman, 1974–1975. Gift, Nicholas A. Vonneuman, 1993.

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