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$(1s)^2(2s)(2p)$ [Tat73]. $(1s2s,^3S)$ [RM79]. (ns) [CH74]. + [FM78a, JŻ79a, Koc74, PK71, RM74, RW75, RM79]. $1/z$ [Lin70]. 12 [HLMV77]. **$18.10** [Cal77b]. 1:1 [SP71]. $1s$ [Lec76a, Lec76b]. $1s2p3s$ [SA77]. $1s2s^3$ [LAM71]. $1s3d$ [AC70]. $1s3p$ [AC70]. $1s3s^3$ [LAM71]. $1s^2(2p)^2$ [Lar78b]. $1s^22s2p^n$ [HT75]. $1s\sigma$ [AM77a]. $1s\sigma_g$ [AM77b, TS72]. 2 [Han70a]. **$22.50** [Gos78a]. **$24.95** [Mår78]. **$29.95** [Sab75a]. $2d$ [Cha77]. $2l+2$ [Mos73]. $2p$ [Tat73]. $2p\pi$ [SHI73]. $2p\sigma$ [AM77a]. $2p\sigma_u$ [TS72]. $2s$ [GB72]. $2s\sigma$ [AM77a]. **$30.00** [Shu77a]. **$38.50** [Ano78c]. 3_{10} [Meh79]. $3p\sigma$ [AM77a]. $3s\sigma$ [AM77a]. **$43.00** [Cal76b]. **$48.50** [Dun78]. **$49.50** [Shu77b]. **$56.00** [Sti79]. $5 \cdot 50$ [Lin73]. **$69.50** [Lar78c]. **$74** [Ahl77a].
$< 2^{N/2-S}, 1^{2S} > \downarrow < 2^{N_1/2-S_1}, 1^{2S_1} > \otimes < 2^{N_2/2} - S_2 >, 1^{2S_2} >$ [SD79b]. $^+$ [BB70, BS70, Doo78, HL79, HG75, HT75, KP71a, Koł76, KJ78, LH74, Lar75, Lar78a, Lar78b, LV71c, PK71, Pul74, PPB78, RS79, SD78, TS77]. $^{++}$

[AM77a, JP77, RS79, SW78]. $^{+2}$ [KD79b]. $^{+}_{2}$ [Gub79, Hop78, SW77]. $^{+}_{5}$ [MHA70]. $^{-}$ [Goo76, HPK72, KSP78, KPD78, KJ78, LCPP79, RS79, TTS^{+}79]. $^{-1}$ [SHR76, You75]. $^{-3}$ [GML77]. ^{1} [BS70, DRCT78, GL74, JE79, JŻ79a, MSM70, RKOU77, SHR76, TTS71, Tat73]. ^{1,3} [AC70]. ^{13} [NN72]. ^{15} [RKOU77]. ^{1}S [Lar78b]. $^{1}\Sigma$ [JŻ79a, Koł75, Lec76a, Lec76b]. ^{2} [GH72b, LL75, LG75, MLB76, RS79, Sim78c]. $^{2+}$ [BMD70, DS74, JMP79, KP71b, PPB78]. $^{2-}$ [BBL77, MMR74, RC71]. $^{2}\Sigma^{-}$ [HE77]. ^{3} [BK74, DRCT78, DD71, GL74, MBM71, TTS71, Tat73]. $^{3+}$ [DS74]. $^{3-}$ [RC71]. $^{3}\Pi_{u}$ [Tru73a]. $^{3}\Sigma_{u}$ [TTS^{+}79]. ^{4} [AS78]. $^{4}P^{\theta}$ [SA77]. ^{e} [AS78]. ^{II} [KPD78]. ^{N} [JSK75b]. ^{o} [AS78]. $'\Pi_{u}$ [Rit76]. $''\Sigma$ [Rit76]. $_{1}$ [DRCT78, GBT79, JŻ79a]. $_{1/2}$ [Sim78c]. $_{1s}$ [FWFM77]. $_{2}$ [ÅSW77, Ada78, Ada73, Ada77, AAC76, BT78a, BB74, BP75a, BL70, BS76b, BDT77, BMD70, Bur77, BWRD79, Cur77, Cur78, EH73, FM78a, FMZ70, GG79a, GBT79, GV77, GS70a, GGJ77, GH72b, GBK77b, Han79, Har70a, Har77a, HLGC73, HNT78, HLYC77, JTR77, JŻ79a, JR74, KP71a, Koc74, KPD78, KPÖ76, LL72, LGP75, LGM77, Lec76a, Lec76b, LG77, LE72, LGR73, LK78, MM72a, Mes73a, Min79, MMR74, MG77, OSL77, PK71, PK76b, PD79, RR77, RW75, SR77, Spe72a, SBD^{+}70, TS77, TBB70, TTS^{+}79, TG76, Tru72, Tru73b, Tru73a, VG78, WK73, WB73, ZL78]. $^{+}_{2}$ [BC79, CJ73b, LGR73]. $^{++}_{2}$ [LGR73]. $^{-}_{2}$ [HR79]. $_{2\alpha}$ [KD79b]. $_{2v}$ [Ros78a]. $_{3}$ [Bai74, BMD70, Bur77, BW76c, CE73, Cur77, EL73, FM78a, FMZ70, FJP70, GG79a, GBT79, GH72b, HNT78, HPK72, HLYC77, JR74, KC72, LL72, Liu71a, MS71b, RMB78, RC70, RC71, ST72, TG76, WN71]. $^{+}_{3}$ [HPK79, LGR73]. $_{3h}$ [TP77b, Wei76]. $_{4}$ [And79, EP71, FMZ70, GG79a, Har70a, HP77b, JŻ79a, LB79a, Mes73a, ST72]. $^{+}_{4}$ [Bai74, KR71]. $_{5}$ [BDT77, LGP75, LGM77, MHA70, RR77]. $^{+}_{5}$ [KR71]. $_{6}$ [ACK^{+}75, BG78, BBL77, Cur78, GG79a, GML77, HP77a, Spe72a, TDB77]. $^{3-}_{6}$ [KL78]. $_{8}$ [MMR74]. $_{>}$ [WRS70]. $_{\alpha}$ [BFH74, Sla73a]. $_{\text{C13-C13}}$ [Mak71]. $_{\text{C13-H1}}$ [Mak71]. $_{h}$ [Ros78a]. $_{II}, III$ [BP75a]. $_{ij}$ [MM74]. $_{\infty h}$ [Ros78a]. $_{\infty v}$ [Ros78a]. $_{n}$ [KC77, TG76]. $_{n+1}$ [TG76]. $_{x}$ [KKA78]. A [LS72]. α [AD77, BB75, Con72, Dan72, DC73, DCS77, GML77, HC72, JW72, Joh73, JM76a, Joh77, KC79, Kau73, Li76, Meh79, MS76a, Min79, MMR74, PKK75, PK77c, RK77, RK79, Sam75, SF76, Sha76, SS71a, Sla75, WC75b, WK73, YJ76]. α_{R} [RK77]. Be [OJB77]. β [BKW75, BCL79, Boy77, Dav77b, EB74, KVSG79, RRS75, RU76, VU79, ZG79]. $\cdot$ [DMS^{+}78, LL72, PPP79]. CH^{+} [OJB77]. d [BSZ78, CW77, FGV77, KC77, KP72, MGM78, MMS70, RS78a]. ϵ_{2} [Lin70]. f [KC77, MMS70]. f^{6} [MS71a, SM71a]. f^{7} [SM71b, SM71c]. g [Kij72]. $G(a)$ [LA76]. $G\,^{1}\Pi \sim I\,^{1}\Pi$ [BEF78]. γ [Kot76]. j [BW76b, But76, BW76c]. $J(0)$ [Kai77]. $j_{L}(kr)Y_{L}^{M}(\theta,\varphi)$ [SF75]. jm [BW76b, But76, BW76c]. K_{2s2p} [Tat73]. L^{2} [FB76]. $l^{n}l$ [JSK75a]. m [Goł79]. N [Boy77, Col70, Col71, Col78, Gal72a, Jun78, KK76b, Kum77, LD71, Mat74a, Per78, TPC77, Gal74, Lét74]. $n \geq 3$ [Lét74]. ns [CH75]. OAO [CK74]. ω [MSKM77]. p [KC77, Mat79b, RS78a]. Φ

[SPČ72]. π [Bra75, Bra79a, ČPP75, HTG77a, JPTM78, KTO$^+$78, KJ75, KT76, KL79, Loc77d, MCST72, MK75a, Mic76b, MK72, NT79, PN76, San72, SPČ79, SIM75]. $\pi \to \pi$ [DRCT78]. $r^N Y_L^M(\theta, \varphi)$ [SF75, ST70]. r_{12}^{-1} [SR72a, Sal73]. $r_<$ [WRS70]. $\to$ [FM78a, JŻ79a, PK71]. s^2p^4d [YW73]. Σ [SIM75, BB72c, GBS70, HTG77a]. SO(4, 2) [Oda73]. sp [DF76]. sp^6 [YW73]. SU(2) $\supset D'_\infty \supset D'_4 \supset D'_2$ [KG77]. $\supset T \supset C_3 \supset C_1$ [BW76c]. $U(n) \downarrow U(n_1) \otimes U(n_2)$ [SD79b]. x [RB75a]. Z [MW75c]. ζ [Sel75].

***** [DRCT78, NT79].

-adrenergic [Dav77b, KVSG79]. **-adrenomimetics** [ZG79]. **-alkylnitrosamines** [TPC77]. **-band** [MGM78]. **-bends** [BCL79]. **-Berechnungen** [BKW75]. **-bonds** [Loc77d]. **-completeness** [KK76b]. **-Electron** [Bra75, Mic76b, Bra79a, Gal74, JPTM78, MK75a, PN76, SHI73, San72, SPČ79, SIM75, Gal72a, Jun78]. **-electronic** [ČPP75, KJ75, MK72, SPČ72]. **-electrons** [SIM75]. **-expansion** [Lin70, MW75c]. **-fermion** [Per78]. **-fold** [Lét74]. **-functions** [Sha76]. **-glycine** [RRS75]. **-helical** [VU79]. **-hybrid** [DF76]. **-ionized** [KTO$^+$78]. **-Lactam** [Boy77]. **-line** [Kot76]. **-matrices** [Han70a]. **-matrix** [Kij72]. **-method** [DC73]. **-molecule** [GS70a]. **-monosubstituierten** [FJP70]. **-monosubstituted** [FJP70]. **-orbitals** [FGV77, RS78a, Tat73]. **-particle** [Col78, Mat74a]. **-Picolins** [BKW75]. **-radicals** [KT76]. **-Representability** [Col71, Col70, Kum77, LD71]. **-scattered** [BB75]. **-state** [Mat79b]. **-structures** [BCL79]. **-Substituted** [Boy77]. **-systems** [BB72c, GBS70]. **-technique** [MSKM77]. **-type** [LS72, LGR73].

/2 [ZR78]. **/3** [ÅFL78, LBÅF78]. **/VRDDO** [KPPH78, PK77a].

1-fluoroacetic [BL75]. **10-epoxide** [LPP78]. **10.50** [Com77a]. **11-** [WMB75]. **12.00** [Com77b]. **128K** [Spa78]. **134** [Cal77b]. **14th** [Pul79b]. **17.50/$29.00** [Cal79b]. **1935-1974** [Cus75]. **1969** [BP70]. **1970** [BP71]. **1971** [BP72, Mar73b, Sla71b, Cal76b]. **1972** [BP73, Cal73b]. **1973** [Sla73b, Sab75a]. **1974** [Cal75c]. **1975** [Lar76]. **1978** [Pul78b, Sti79]. **1s** [ÅSW77, DY73, GMZ73]. **1st** [Tho76]. **1st-row** [Tho76].

2 [DMS$^+$78, DD71, KPKC73, SL73, Wel71, ZBH$^+$78]. **2-benzyne** [MPS70]. **2-matrix** [MSL73]. **2-particle** [LD71]. **20-parameter** [BS71]. **225** [Cal76a]. **240** [Cal73a]. **2nd** [Cal79b]. **2s** [DY73].

358 [Sab75a]. **378** [Lin73]. **3G** [ZSR79].

5-fluorouracil [GJP79]. **5-hydroxyindole** [WO77]. **5-trifluoromethyluracil** [PLSL78].

8-dihydrodiol-9 [LPP78]. **8-tetracyanoquinodimethane** [DT75].

a-growing [Lak76]. **Ab-initio** [KPP77, Meh79, PK73, ZSR79, HKP79, KPKC73, Kau79b, RL79]. **ABH** [TG76]. **abnormal** [KHI79, KKP77]. **abortifacient** [KD79b]. **above** [Enz73]. **absolute** [ČZ79]. **absorber** [Sch71b]. **absorbing** [BBT71]. **Absorption** [HMV77, HMV78, AeAs78, BMD70, Bow71, BHLM78, GPC$^+$71, LGM77, NT79, Sch76b, Sch71c]. **Abstract** [Eig78]. **Academic** [Com77a, Com77b]. **Academy** [Cal73b, Pul79b]. **acceptor** [DMS$^+$78, ZV79]. **acceptors** [SRE$^+$79]. **account** [MCF$^+$70]. **accuracy** [JTR77, MR73]. **Accurate** [DS74, MH72, PÖ77, RS79, YG77, Bar70, CA72, JM73, HS79]. **acetyl** [RRNS75]. **acetylene** [TH78]. **acid** [BL75, CS74, DS79, FB72, Kla78, KD77, KL79, LL72, LDP79, LP79c, LSB$^+$79, NKKY79, NJF$^+$77, PL77, Pol79, PGPP79, SRE$^+$79, WTB$^+$76, PDEB78]. **acid-base** [LL72]. **Acid-catalyzed** [PDEB78]. **acide** [LL72]. **acide-base** [LL72]. **Acidität** [BKW75]. **acidity** [BKW75]. **acids** [AMJS79, BC75, IZZ$^+$79, KPP78b, SD77, SMB$^+$79, Sun74a, Sun77, SWF79, UP71, VBC78]. **across** [Hos78, Mar79]. **Actin** [Lak75]. **acting** [WOEG78]. **actinomycin** [PLYM78]. **action** [BCR$^+$78, DBBJ76, DMS$^+$78, KKK74, KK75, KD79b, LP79b]. **activation** [NKKY79, Tal77, LSB$^+$79]. **active** [AMSS79, BBG79, BWRD79, Cha71, DSMM79, JG74, Kla78, LHK77, LK78, PD79, SS79, Sun74b, Sun75b, ST78, ST79b]. **activities** [Jan77]. **activity** [BC75, BCL77, INY$^+$71, Kau79a, PS79a, Pur75, Ran78, SJ79, SH74, SH75b, WCK$^+$76, ZG79]. **adaptation** [BF71, KC74]. **adapted** [Amo71, Dav74, Ell73, Kle70a, Kle74a, Kut78, Lim76a, VF76]. **additive** [GCP79]. **Additivity** [Sha77a, Sha78a, CW78]. **address** [Ede70, Lon74, Lon73]. **adenine** [GJP79, KD77, ZBH$^+$78]. **Adenosine** [KP79b]. **adequacy** [CSDV78]. **Adiabatic** [Dmi75a, Dmi75b, HL79, SG77a]. **adjoint** [Sco73]. **adjustments** [Vla70]. **admixture** [DH73]. **adrenergic** [Dav77b, KVSG79]. **adrenomimetics** [ZG79]. **adsorbates** [Wen79]. **adsorbed** [Sim79]. **adsorption** [BFH74, KGB76]. **Advances** [Cal75c]. **Advantages** [SW77]. **affecting** [AF73, CT79, Kar78]. **affinities** [BB78, CS74, ED79, PK77c, SMH77, SG77a]. **AG** [Cal76b]. **agents** [KK72, KK75, Pur75]. **agonist** [Kan74]. **agreement** [Sin73a]. **AH** [KC77]. **aid** [Nee75]. **Akademie** [Cal73a]. **Akademie-Verlag** [Cal73a]. **Al** [BMD70, Cur78, Pos70]. **Ala** [RSK$^+$78, VU79]. **Ala-Ala-GIy** [VU79]. **Ala-Pro-Gly-Ala-Pro-Gly** [RSK$^+$78]. **alanine** [RRS75]. **Albert** [Lak76]. **alcalins** [JM76b, Mar73a]. **AlCN** [Tho76]. **alcohols** [Cur77]. **aldehydes** [LDP79]. **algebra** [WG74]. **algebraic** [ČP77, Kry78, Ell73, WP79]. **algebras** [APČ77, PAČ77, Wyb73a]. **algorithm** [Hac74, Sch77a]. **Algorithms** [Pau77]. **alkali** [CKD73, CS74, KW76, Mar73a, Moh77, Moh78, Moh79, PBG76, Sim78c, Tal77, YD75, JM76b]. **alkali-like** [YD75]. **alkaline** [PBG76, LB73a]. **alkaline-earth** [PBG76, LB73a]. **alkanediols** [VH75].

alkanes [BB72c]. **alkanols** [VH75]. **alkenes** [Par72]. **Alkyl** [BB72c]. **alkylnitrosamines** [TPC77]. **all-** [WMB75]. **All-electron** [MMB70]. **All-electrons** [AL71]. **All-pair** [NS75]. **all-reactive** [Hil79]. **All-valence-electron** [MW74a]. **allene** [TS79]. **allergy** [Kau74a]. **allosteric** [KN79]. **allowed** [LP74b]. **allowing** [HHR70]. **alloys** [CM75b, Fau71, Fau76, DV79, MM77b, Sto71]. **allyl** [TS78]. **Almon** [Cal76a]. **AlNC** [Tho76]. **alpha** [De 76, Duf71, JW78]. **alternancy** [MW77]. **Alternant** [DT75, BK71, ČPH74, ČPP75, JPTM78, KBK72, KU70, PČH74, Tyu75, Tyu78]. **Alternate** [HC72, But76, HS71, SD79a]. **alternations** [TTN76]. **Alternative** [BÖ78, BS74b, Han70b, Feu77, Kib75a, Sac72]. **Aluminum** [Sco71, SC79]. **am** [BKW75]. **Amaldi** [Csa79a, Csa79b]. **Ambiguities** [Sab73]. **amide** [PS79b, RRNS75]. **amine** [LSB$^+$79, VH75]. **amines** [HL78b, KM72, Nee75, PL79]. **amino** [Kap73, LP79c, WTB$^+$76, Kla78]. **amino-substituted** [Kap73]. **ammonia** [JŻ79b]. **ammoniation** [PA74]. **ammonium** [PA74, PBG76]. **AMO** [CS73, CODM77, CD78, DT75, LV71a, SC73, Spe73]. **among** [CP70, HYL78, KM72]. **AMOS** [DD77b, RD79]. **amphetamine** [DH78, WN78]. **amplitude** [Hun74]. **amplitudes** [Hun75a, Hun75b, KPÖ76, Nut78]. **Amsterdam** [Ahl77a, Ano78c, Lar78c]. **anaesthesia** [DBJ74, DBBJ76]. **analogs** [Han79, RSK$^+$78, WN78, ST79b]. **analogues** [Tho76]. **analogy** [Sch71c, SE79]. **analyses** [FTN77, KPKC73]. **Analysis** [BS76b, LS71, SDB76, Spe71a, Spe71b, Spe72a, Ada78, AAC76, AJ79, BB75, Ber76, BC79, BK75a, CK75, CS76, CL73, CA72, DSC$^+$77, GK78, Hal75a, HPW79, Hun74, Kau70b, KP79a, LS70, Lar78a, LTR74, MG77, PD77, Ran78, RRS75, Rou73, Rou74, TC70, Wei75, WTB$^+$76, ZL78, AF73, RS78a]. **Analytic** [BO79, Cal72, GGJ77, JS77, KD79a, BSZ78, Doo78, ES79, GGJ75, Jor75, SK72, Wei74]. **Analytical** [ST70, DS74]. **ancient** [Lak75]. **anesthetics** [DMS$^+$78, KK75]. **Angular** [MP71b, RS78a, RS78b, RS78c, Tat76, BBT71, But76, Cro77, Kib75b, Sch71a, Sur71]. **Angularly** [LL75]. **anhydrase** [PD79, SS79, SS74]. **aniline** [JL70]. **anion** [Hin77, LCPP79, MMR74, NI70a, PGPP79, PPB78]. **anionic** [KL79]. **anions** [KPP78b, Sha77a, Sha78a, Sim78c]. **Anisotropic** [WMV77]. **anisotropies** [KW76]. **anisotropy** [Fog71]. **Annales** [Cal75b]. **annelation** [NT79]. **Announcement** [Ano71a, Ano73a, Ano74a, Ano74b, Ano77a, Ano77b, Ano77c, Ano77d, Ano78a, Ano78b, Hud72]. **Announcements** [Ano70a, Ano70b, Ano70c, Ano71b, Ano72a, Ano72b, Ano73b, Ano73c, Ano75a, Ano76a, Ano76b, Ano76c, Ano76d, Ano77e, Ano77f, Ano77g, Ano77h, Ano77i, Ano77j, Ano77k]. **ansätze** [GbK77a]. **antagonists** [Dav77b, KKK74, KK75]. **anthracene** [BOP76, Chr73]. **anthracenes** [SS78b]. **anti** [BP71, Sla70b]. **anti-aromaticity** [BP71]. **anti-symmetric** [Sla70b]. **antibinding** [ZL78]. **antibiotics** [SMP77, SMP77]. **anticonvulsant** [AJ79, Wei77]. **anticrossing** [BK77]. **antiferromagnets** [Hub71]. **antimony** [Kot76]. **antiparallel** [BCL79]. **antipsychotic**

[KK72, KM72]. **antisymmetric** [Sim72]. **antisymmetrization** [Lim77a]. **antisymmetrized** [Lya78]. **antitumor** [Gab76]. **Anwendung** [PTUK69, Cal73a]. **any** [KD79a]. **applicability** [DCS77, KP71a, KSP78, SM76b, SM76a]. **Application** [APČ77, CD74, CSY+74, Kla78, KR78, LB73b, MMR74, Ner75, Nir75, OJB77, Pai71, PAČ77, Ros78b, Tru73b, ANR75, BBA73, CE73, ES73a, Ell73, Gra77, Hal75b, DV79, JM76b, JMP78, KL75, Lar79, NI70a, PLYM78, PGQ77, PKSB78, Rei76, RC70, RC71, RC72, RPK78, SW77, VK74, Bur72, Bur77, BW76c, Goo76, GL74, LH74, LG75, LGR73, Meh78, NI70b, PNJB78, PTUK69, RKE79, SPČ79]. **Applications** [ERW75, Jor75, Lan77, Røe73, Sun75a, WO76, BO73, Chr79c, DL75, HS70b, Jan76, Joh73, JM76a, KKW73, MS76a, Nal78, Pea74b, WO75, BR78, Csi77, JL70, LG77, MK75a, SDM74, Lar78c]. **applied** [BEF78, CS73, Dav77b, EB74, Lar78b, LV71b, LV72, SK71, SC73, Spe73]. **Approach** [Ave79b, AB79, Ave79a, Har71b, OJB77, AC76, AM72b, Ave79c, Boy72b, ČPP75, ČP77, Csa77b, Del73, DC75, DDD70, ES79, FU76, FBL79, Fro74, Gab76, Gin78, Har70b, Joh70, Kau76, KKP77, KE79, Lat76, LB79b, LÖ77, Lin78, Nir75, Pal75, PW79, Pop79, Rou79, SPČ79, SP75a, Sha77b, Sha78b, TB78, TOED79, WP79, ZF76, ZF77, Ano76e]. **approaches** [APČ77, CL73, Kau77, PAČ77, Rat78]. **approximant** [ČPP75, CM78]. **Approximants** [GB71, GBL+73, Røe73, Røe75]. **Approximate** [Csa79a, KP78, NN74, Sco74, SC78a, Abs72, BDP73, CA78, Cas79, CZ75, DY76, JTR77, JPTM78, KP71a, MDC79, NN77, Nor75, PN76, Sam75, SWP77, GZ72a]. **approximately** [KPP77]. **approximating** [GPP79]. **Approximation** [LP74c, ÖL78, Aro78, BA78, BBP71, BBL72, Bow79, Bre73, CM75a, CL76, CESW70, Dav72, DF76, DLG79, Ess77, ES70, FFCB79, Fro70, GJP79, GLS79, HLGC73, HNT78, HTG77a, HTG77b, KT77, KM76, Lar75, LV71b, LV72, Laz79, Lin71, Meh78, MLM75, Nel79, NMS77, ÖL79a, PNC+78, PW74a, RL77, Rat71, SM77, Sco71, Spe71b, Spe73, SS77b, SO77, Tru73b, Van70, WO76, Wil74]. **Approximations** [Kas76, Spe72a, DR75, Ive74, JW76, Lan74, PK75]. **April** [BP70, BP71, BP72, BP73, Pul78b, Sti79]. **APW** [BK75c, Koe74]. **aqueous** [Tal77]. **arbitrary** [BF70, BW76b, But76, BW76c, CM72a, KK77b, SP75b]. **ARCANA** [AMC73, CAMC71, KPKC73]. **ArF** [SD78]. **arginine** [DAP79]. **arising** [HT75, Tat73]. **Aromatic** [LSB+79, BOP76, DEE+75, Her74, KPP78b, KJ75, LP79a, Mem79, Nee75, PD77, Pul79a, SG77a, Sha78a, UP71]. **Aromaticity** [BP71]. **aroms** [Suz77]. **arrangements** [JM76b]. **Array** [BL77b]. **Aspects** [KPP78c, SLM70, BS75a, BP70, DEC78, ED79, GSE78, HC78, KC73, LP79a, SW78, Vol79]. **ass** [MKT77]. **Assessment** [Mag79]. **associated** [EL73, Pop71]. **astronomical** [Lay77]. **Asymptotic** [Kut78, Ra76a, BS71, CS78, DMM75, WB76]. **Äthylenen** [FJP70]. **Atkins** [Gos78b]. **Atom** [Nes75, OJB77, AM74, BK75a, CM72a, CSH74, CH74, CH75, DCS77, Goo76, JG72, KP76, Kle74b, KL77b, LA70, LKH77, MMS70, PS73, Pol79, RB77, Rei72a, Spe70, WC75a, WK72, WJC70, WAL71, vDR79].

atom-diatom [KL77b, LKH77]. **Atom-molecule** [Nes75]. **atom-pair** [KP76]. **atomes** [Mar73a]. **Atomic** [Fla79, GJP79, Lud77, SDS73, Thu75, WM79, Ada73, Ahl77a, BS74a, BS76a, BN74, BT71, BP75b, BEH77a, BEH77b, BL77d, BB78, CL76, ČP71, CM78, CA72, CA73, FKS76, Fri72, Fro74, GF76, GBV77, GK76, GL74, GRM75, HKM71, Hea71, Höj79a, Höj79b, IS75, JMM71, JS70, JNŽ72, JL74, Kar70a, KZ73, Lan77, Lar79, LG75, LAM71, MMM71, NN72, NN74, PK72, PD78b, Raf75, Rou79, RGM75, SK72, SPČ79, Sch72, SDD72, ST70, Sim72, SH75a, SHR76, Sla71a, SJH79, Sol71, SR72c, SW77, SW78, TGG79, TS71, TNB79, YJ76, JBG70]. **atomic-integral** [Rou79]. **Atoms** [Nes71, AZ72, Ave72, BM74, BK76, BW73, BB73, Cal72, Cal73c, Cal74, CP70, CW77, CL78, Csa75, Csa77b, Csa79b, Dah78, Dea72, DY73, DCS77, DDD70, GGJ75, GB75, GB72, Jak76d, Jam70, JBP76, JP73, Jun78, KM74a, KP72, Koc74, Koł74, Koł75, Lin73, Mar73a, Mil71, MS76b, Mor78, MI78, MDS75, MSM70, MBM71, NS72, Nes70, Nes77, NY76, OK75, PF74, Raf75, Rob71, Rob72b, RS79, RK76, SHO71, ST72, SDJ79, Sin73b, SJH79, Spe71b, Wel77a, Wel77b, Wen79, WRS70, WS79, YD75]. **attachment** [Nes77, SL79]. **attack** [HPK79, PLSL78]. **attempt** [BCR$^+$78]. **attention** [WV74]. **attenuation** [PP71]. **attraction** [LR77]. **Attractive** [GBTB78]. **Attractive-dominant** [GBTB78]. **aufbau** [Nov73]. **Auger** [TNB79]. **augmented** [ML76, WFS77]. **augmented-plane-wave** [WFS77]. **auramine** [BZSD79]. **Author** [Cal76a, Cal77b, Lar76, Lin73]. **Authors** [Cal73a, Sab75a]. **auto** [TGSL70]. **auto-cohérente** [TGSL70]. **autocoherent** [Gou73]. **autodetaching** [Sim78c]. **autoionization** [Naz72]. **autoionizing** [MCW78]. **Automatic** [BSZ78]. **autonomiterque** [BP79]. **auxiliary** [Gru70, LA76]. **Auxin** [BCL77]. **average** [KZ73]. **Avery** [Lin73]. **Axial** [Han79, BM71b, RS78b]. **axis** [Lét74]. **aza** [Sha78a]. **aza-aromatic** [Sha78a]. **azulene** [JL70].

B [Cal73b, Dun78, Sti79, CC79, HE77, HT75, Jak76b, JPTM78, Koł75, LH74, Lar75, Lar78a, Lar78b, MDS75, PPP79, PZP79, RR77, Rit76, SBD$^+$70]. **B-DNA** [PPP79, PZP79]. **Back** [LB79a]. **backbone** [SY77]. **bacterial** [KKKP79]. **balance** [KKP77]. **Band** [FRM74, PN71, AL71, ABD$^+$79, CD78, Con70, KKA78, Lad74a, Lad74b, Lad75a, Lad76, LSOC77, MGM78, Ove73, Pai73, PNJB78, Pet78, Sco71, SL73, Swi71, ZF76]. **band-structure** [Ove73]. **bandmatrices** [Wel71]. **Bands** [HP77a, Bor70, CZNL70, CD74, CD78, Csa78a, Dav72, DF76, Euw71, FN73, Lad70, Lip72]. **barbiturates** [AJ79]. **barrier** [CL77, MEW70, WC75b]. **base** [ENRM78, FB72, GRE$^+$77, KKK79, LL72, MW74a, Mar73a, PZP79, RCE75, Sun77]. **base-pair** [ENRM78]. **based** [AM74, DMS$^+$78, FRM74, HSBD78, KT77, Kau74b, Pau78, Sam75, SRP76, SRP77, TC70]. **Basel** [Cal76b]. **bases** [ANR75, Bri73, CLP79b, GJP79, KD77, KS79, KL79, LP79c, LSB$^+$79, MHPS70, Mos73, NKKY79, NY76, PH77, Raf75, Sey76, SRE$^+$79, SM79, WTB$^+$76]. **Basic** [Ano76e, BCL79, Spe71a, Hos72]. **Basis** [BL72, Kas76, Tan74, ÅSW77, Abs78, Amo71, BS75b, CA78, CHS77, Cur78,

Dah78, DRCT78, DPGC79, ES79, Euw71, Fae79, FGV77, Fin73, HS70a, Höj79a, Höj79b, Hur77, KB77, KMO77, KPÖ76, LSOC77, Lec76a, LCK76, Lev78a, LGR73, LPT$^+$74, Mal71a, Mar73a, Mcd79, MYTC77, MDC79, NI74, OKM74, Pel77, PAM75, RPK78, SWN78, SBM72, SJ79, SC78b, SSH78, TB74, Van74, Wel76, Wel77b, Bur77, DLG79]. **bath** [HMV78]. **bathochromic** [MP71a]. **be** [SH75a, Bun77, GF76, Jak76b, RS79, SP75d, SBD$^+$70]. **beam** [SMMA73]. **BeCH** [RMB78]. **BeF** [SLJ78]. **BeH** [GG79a, Mul71a]. **Behandlung** [FJP70]. **behavior** [BG76, DMM75, Kut78, Tal77]. **beim** [KBA76]. **bends** [BCL79]. **beneath** [VH75]. **benzaldehyde** [LM72]. **Benzene** [SPČ72, AB73, HG75, KP76, NI70a, NI70b, NT79, PLMB73, San71]. **benzene/H** [HG75]. **benzenes** [MR72]. **benzenoid** [SG77a]. **benzo** [HKP79, KPPH78, LPP78, LP79c]. **Benzol** [HG75]. **Benzol/H** [HG75]. **benzomorphans** [RW79]. **benzoquinone** [MK72]. **benzyl** [KKM70, NN74]. **benzyne** [MPS70]. **BeO** [SBD$^+$70]. **Berechnungen** [BKW75]. **Bergmann** [Cal73b]. **BERKELEY** [BS78c]. **Berlin** [Cal73a, Cal79a, Cal77b, ZL78]. **Berlin-Heidelberg-New** [Cal77b]. **Bernard** [Shu77a]. **Berthier** [RCE79]. **Beryllium** [BS78b, GBV77, TTS71, Tat73]. **berylliumlike** [JL74]. **Bessel** [SW77, SW78]. **Best** [Jak76a, Jak76b, Jak76c, Jak76d]. **Between** [Gal72b, Sim77a, AMSS79, Bas78, Cas79, Cha71, CL78, Col79, Con70, Csa77b, Dah78, DGC77, DD72, Dea72, ED79, FM72, Fin73, GJP79, Hal71, HPK79, Höl77, Kib75b, KC74, Koc74, Koł74, Koł75, KL73, Kum77, LPP78, LB77, LR77, MM72a, NY76, PLYM78, PČL78, PW79, Rob71, SF76, SRE$^+$79, SDJ79, SE79, Sin73a, SKS77, SS78b, SP71, Suz77, SO77, TTS71, Tic79, WK72, WB76, WV74, WMV77, WP79, ZG79]. **beyond** [Wil74]. **BH** [LL72, BS74a, BS76a, EL73, GG79a, MHA70, Mul71b]. **Bibliography** [RWFS71, Sab75a]. **bicyclic** [BBG79]. **bielectronic** [Rue79]. **Bifluoride** [LS79]. **big** [KSP78]. **bimolecular** [Chr77]. **binary** [DV79]. **Binding** [LK78, SLJ78, CZNL70, CD74, CT79, CV73, DAC$^+$79, Eis77, GJLL75, Han79, KPD78, Lak75, NKKY79, NTN$^+$79, Pul74, PBG76, PPB78, PD79, RKE79, SS79, ST78, TNB79, UP71, WRF73, ZL78, KD77]. **biocatalytic** [JM76a]. **Biochemistry** [Pul78b, Sti79, BP70, Cal73b]. **bioenergetics** [Dav79]. **biogenic** [KM72]. **biological** [Bai74, BP73, BL79, Cho79, Chr79c, GH79, Hos78, MPMK79, Pau78, PBC74b, SJ79, SLOKP79, Tal77, Urr78, WCK$^+$76, WOEG78]. **biologically** [BBG79, DSMM79, Kla78]. **biology** [Cal76b, Com74, Hal79a, Mar73b, Pul78b, Rei70, Ros74, Sti79, Sun75a]. **biomacromolecules** [AMJS79, SAM79]. **biomembrane** [Urr77]. **biomolecules** [KPP78a, NS79a, PP74, Pul70, RC78]. **Biophysical** [Har75]. **biopolymer** [Kho79]. **biopolymers** [AMJS79, FB72, Lad76, LSS78, Pul78a, Sun74b, Sun75b, ST78, ST79b, Dun78]. **Biorthonormal** [Dah78, Lat77]. **biphenylene** [JPTM78]. **bipolar** [Sal73, SF75]. **birefrigence** [Loc72]. **biréfringence** [Loc72, DQ77]. **birthday** [Cal75b]. **bisglycinato** [RRS75]. **bisglycinato-Cu** [RRS75].

BISON [WBKL70]. **Bloch** [Kun78a, KOW78, Kun78b, Wan79]. **blocking** [KVSG79]. **BN** [SBD+70, ZF77]. **body** [Bal78, BS74a, BS76a, BWS77, BP78, BFH78, CJCM73, DDD70, Feu77, KBA76, Lev78a, LR77, Lin78, LRJ73, MMM75, Ner75, NY75, Per78, Ros78b, SBM70]. **Bogoliubov** [Cli73]. **Bond** [Bur77, Del73, Gal72b, Par72, SS71b, Ada77, Bas78, DBBJ76, DMS+78, GN77, Gin78, Hal75a, HR79, JJ78, KHI79, Kle79, Kle70b, LS72, LS79, MPS70, NG73, OK75, Pet77, PNC+78, RTS74, RS76, Sri77, TRS73, TS77, TS78, TS79, TTN76, Wój76, Woj78, Lar76]. **bond-length** [TTN76]. **bond-order** [TTN76]. **bonded** [AM72b, BS75c, CP70, Cho79, Loc77c, TP77a, Wel77a]. **bonding** [AMC73, ACG74, Bai74, BL75, CP70, Cur77, DS76a, DMS+78, ES73b, GH72b, Har71a, HR79, Meh79, Nir75, PDE79]. **bonds** [BVO72, BK75b, Coo79, Gin78, Loc77d, Sab71, SDD+77]. **Book** [Ahl77a, Ano74c, Ano78c, Cal73a, Cal76a, Cal79b, Cal79a, Cal73b, Cal75c, Cal76b, Cal77b, Com77a, Com77b, Dun78, Gos78b, Gos78a, Lar76, Lar78c, Lin73, Mår78, Sab75a, Shu77b, Shu77a, Sti79]. **Books** [Ano70d, Ano70e]. **borides** [Mat77]. **Born** [CL78, Col79, Ess77, WN71]. **boron** [LH74, MVN75, PKK75, PK77a]. **Bose** [MBMM79, MPMK79]. **Boston** [Mår78]. **both** [Koe74]. **bound** [Bur77, ČP77, Dmi75b, GC75, JP77, KSP78, LTR74, MKT77]. **boundaries** [SP75b]. **boundary** [WO75]. **Bounds** [Abd71a, Abd71b, Bur73, LL70, TL79, BR75a, BBK76, BR72, Gra77, JW76, JP73, Lin70, RE70, Vog79, WW71]. **Boys** [Par73]. **Brackets** [Wel70, Wel71]. **brain** [GT75]. **Branch** [CB72, BF78]. **branched** [KHI79]. **Branching** [Ber75, Pau77, BT78b]. **Braun** [WW71]. **breakdown** [Ada75b]. **Breit** [RL77]. **Breit-type** [RL77]. **Brillouin** [Ahl70, SC76a, Ahl70, Gra77, LWA74, RCE79]. **broadened** [BMD70]. **Brueckner** [LH76]. **building** [Kau70a]. **bulk** [SEW73]. **Buridan** [MKT77]. **Burton** [Cal75c]. **butadiene** [TS78]. **butatriene** [TS79]. **Butterworths** [Mår78]. **bytes** [Spa78].

C [Com77a, Com77b, SBD+70, BDT77, CV73, ETF79, ED79, GG79a, GBT79, HLYC77, HT75, Jak76b, KP71b, NN72, Ram78, Ros78a, SMP77, Tru73a]. **C-C** [SMP77]. **Ca** [KD79b]. **cage** [Ave75]. **Calais** [Shu77b]. **calcium** [AD77, LB79b, NTN+79]. **Calculated** [KW76, AB73, BL77c, LVDC74, Sin73a, WM79]. **calculating** [Gin78, HS77, ML76, Nam75, PLYM78, Spe73]. **Calculation** [BFH74, BW76b, But76, BW76c, Cas79, Con72, FB76, HH77, HNT78, KPÖ76, Li76, LP74c, LA76, LW76, Loc77a, Loc77b, LL70, Mon77, RR72, SK71, SP75a, SLB77, SH74, Sve79, ANR75, Ahl70, AD77, AFD+78, BNLS72, BN76, BSM72, BM73, BS75c, CZNL70, CJ73a, CSFM72, CW77, Chi77, ČP72, CL78, CWE71, CE73, CAMC71, CH74, CH75, DRCT78, DD72, Del74, Ema74, FRM74, GZ72a, GF76, Goł79, GML77, GBM74, GRM75, Hal73, Har71c, Hos72, ICS74, JR74, Joh75, JPTM78, JS70, JNŽ72, KR71, KTO+78,

KBA76, KA76, KT76, LD73, LL75, LGP75, Lin77, Loc76, Loc77d, MCST72, Mes73a, MM72b, MH72, Muf76, MSM70, MBM71, Muk74, MMM75, MS71c, Ner75, NB78, Nir75, NY76, PPK78, Pie71, PK71, PK76a, RBDV77].
calculation [RGM77, RPK78, SK72, Sel75, SLC78, Sin73b, SP75d, SSH78, Tru73b, WC75b, Wei71, WFS77, YL74, BCL79, FG79, MMM71, NS73].
Calculational [CM72a]. **Calculations**
[Ave79b, AB79, Ave79a, BL77b, BB78, Eld73, Gal72b, Har71b, JE79, LCP76, LZ77, Mak71, PNJB78, PK76b, Sas74, Abs72, Alm74, Als73, ABD$^+$79, Ano78c, ACD$^+$74, Ave79c, Bai74, Bar70, BL77a, BBP71, BBL77, BB72c, Bil72, BKW75, BEH77a, Bri73, BB73, BWRD79, CP70, ČZ79, Chr73, Cla70, CM76, Csi76, Cur77, Dan72, DCM74, DMR74, Dau74, DDH78, DEE$^+$75, DK77, ESR74, EH73, ED74, FTN77, FBL79, FB72, FMZ70, FL79, Fro74, Gar78, GG79a, GG79c, GG79b, GV77, GBS70, GPP73, GBV77, GMG75, GH72b, GJ76, GHJ77, Hal75a, HS76, Han79, HPK79, Har70b, HLGC73, HSBD78, HPK72, HU74, HCIE75, HS70a, HS70b, Höj79a, Höj79b, Höl77, HP77b, Ive74, JW76, JŻ79a, Jor73, JL70, Jun78, KL78, KS73a, KT77, KTO$^+$78, KK72].
calculations
[KPKC73, Kau73, KK76a, KK77a, KPP77, KSP78, KPP78a, KPPH78, KPP78b, Kau79b, Kel75, KP71b, KM74b, Kle70b, KD77, KD79b, KKK79, KL79, LD74, Lan77, Lar75, LFF79, LAV72, Lev78a, Lev70, LKH77, Loc77c, LH79, LJBN75, LS74b, Lun79, MMB70, MW74a, MEW70, MSKM77, Meh79, MLB76, Mey71, MLB72, MR72, Moh77, MMS70, MDA78, MM70, NN72, NN74, Nee75, NAR72, Nis77, NMS77, NS78, OMC76, Ove73, Pai73, PPC72, PCMS77, PS70, PK75, PK77a, PK77b, PGPP79, PLMB73, PK73, PKK75, PK77c, Pul70, RS76, RTM77, RB77, RU76, RKOU77, Røe75, RL79, RS79, RK77, Ros78b, Rou79, San72, SM73a, SD78, SN79, Sas77, Sha77a, Sha78a, Sim72, SJ79, SDB74, SC78b, Spa78, SF75, TRS73, TS77, TS78, TS79, TP78].
calculations [TL71, Tru73a, Van72, Vla70, WJ79, WMB75, WH75, Wei77, WN78, Wel77a, WJC70, Wit72, Wol71, WMV77, YG77, DPGC79, LH77, May74a, NS72, SDS73, Wes79]. **calculus** [Pal75]. **calibrate** [Kau73].
CAMSEQ [WH75]. **can** [Fri72, Hal79a]. **cancer**
[Abd76, DEC78, LL76, SG76a, SG77b]. **candidate** [LPP78]. **Canonical**
[Wit72, BW76a, LD71, Lat76, Shu77c]. **canonically** [Wes73]. **carbenes**
[Har71c]. **Carbon**
[NTN$^+$79, BWS77, DPGC79, PGPP79, SD70, WK72, Wil77b]. **Carbon-13**
[NTN$^+$79]. **carbonic** [PD79, SS79, SS74]. **carbonyl** [KJ75, ST73, VG78].
carboranes [PK77a]. **carboxy** [RL79]. **carboxylic** [KPP78b]. **carcinogen**
[HPK79, LPP78]. **carcinogenesis** [BS79, Dau77, Her74, Kau74a, Kau79b, LSS78, LSB$^+$79, Löw77, Mem75, Mem77, Mem79, Pul79a, Ros75, TPC77].
carcinogenic [HKP79, KPPH78]. **Carcinogenicity** [SR78, SS78b].
carcinogens [HPK79, KPP78a, NKKY79, Nee75]. **carcinoma** [WLS77].
career [Ano76n]. **Carlo** [Cas78b, Col77a, CL78, Col79, RC78]. **Cartesian**
[BM71a, GM73a, KOW77, SC78b]. **case** [APČ77, BS78b, Dmi75a, Dmi75b, Kib75b, MK75b, NRS79, PAČ77, ST79a, DRCT78]. **casino** [Fox75].

catalysis [DS76a, Gol70, Sal79]. **catalysts** [KGB76]. **catalytic** [JM76a, BCR+78]. **catalyzed** [LDP79, PDEB78, WEH74]. **catastrophic** [KKP77]. **catechol** [SS78a]. **catechols** [SS78a]. **Cation** [PBG76, Hin77, LB79b, MEW70, NI70b, PGDM77, SLOKP79, WO77, LB79b]. **Cation-ligand** [PBG76, LB79b, PGDM77]. **Cation-water** [LB79b]. **cations** [KR73b, PPB78, Urr77]. **CC** [BVO72]. **cell** [Jeh73, MHH74]. **cells** [Tal77]. **cellular** [FRM74, LFF79, Kel75]. **Center** [Eng72, Thu75, AM74, AT75, BA78, CM76, HR79, HNT78, Jet73, LPT+74, Mag79, MH72, PAM75, SR72b, Sha76, ST70, SBM72, MM74]. **centered** [MVM75, MLM75, Mil74, SDM74]. **centers** [MVM75, Fan70]. **centre** [AM72a, AM77b, AM77a, KZ73]. **CEPA** [Bur77]. **CEPA-PNO** [Bur77]. **certain** [BL79]. **CF** [Cur77]. **CH** [Cur77, FJP70, JŻ79a, JR74, Cur77, FMZ70, FJP70, GG79a, GV77, HPK79, HE77, KC72, MHA70, RMB78, WK72]. **chain** [BBA73, DDH78, KKA78, KG77, LR77, MOV75, TGSL70]. **chaine** [TGSL70]. **chains** [KG76, KG77, Ukr72]. **chalcogenides** [SKS77]. **chalcone** [BTD79]. **champ** [Gou73]. **change** [Amo72, HY78]. **changes** [BZSD79]. **channel** [MM72a]. **channels** [GRB74, SLOKP79, USK+79, VU79]. **character** [GK78, KE79, NT79]. **Characteristics** [ÖL78, ÖL79a, Sla79, WCK+76]. **characterization** [BT78b, Chr73, Har77b, Jan76, USK+79]. **characters** [TTS+79]. **Charge** [CM75b, KPP78b, SRE+79, Sin75, ZL78, BT71, BKW75, BW73, Cho79, Csa77a, DC73, DY76, DT75, HRBB76, JMP78, Kar70a, Kar70b, Kar70c, KFY71, Kau73, KKA78, KKKP79, Kib75b, Lad76, LH77, OMC76, OSL77, Pai73, PK75, PS75a, RM72, Sch73a, Sha77a, SLC78, Van72]. **charge-conserving** [PK75]. **charge-dependent** [Kar70a, Kar70b, Kar70c, KFY71]. **charge-transfer** [Van72]. **charged** [Csa79a, NG73]. **Charges** [Hal75a, BT71]. **Chemical** [FL79, Gos78a, GJLL75, SLOKP79, BS79, BCL77, CSR79, Chr79c, ČP71, Dau77, ES73a, Ema74, HG75, INY+71, Jan76, JJ78, KK72, Kau74a, KKK74, KK75, KK76a, Kau79a, Kau79b, LSS78, Lar76, LPP78, LP79a, LJBN75, MPN79, Mos73, NKKY79, Pul79a, Sal79, SDD+77, ST73, SJ79, TP77a, TWC73, TPC77, Wei75]. **chemicophysical** [Kau76]. **chemin** [Lei74]. **Chemisorption** [DS76a, Sch77c]. **Chemistry** [Cal73b, Lar78c, Ost79, Pul78b, Sti79, And79, BP70, Cal79a, Cas78b, Csi77, DAC+79, GM73a, GM73b, Gos78b, Hal75a, Hal79a, DV79, KG76, KG77, KB77, Mat72a, MF73, MSP73, MCP73, MPW75, MW75a, Mat76a, Mat76b, MWY77, MW77, MK78, Par77, PHL+76, PS75a, Ran79, SP75c, Sin73c, Sla79, Wil77a, Wyb73a, MN79, Cal75c, Lar78c]. **chimique** [JJ78]. **chloramphenicol** [BSB77]. **chloranil** [DT75]. **chloranil/para** [DT75]. **chloranil/para-phenylenediamine** [DT75]. **chloro** [GBS70]. **chloro-substituted** [GBS70]. **chlorofluoromethanes** [PK77b]. **chlorophyll** [Mag79]. **chlorophyllide** [OMC76]. **Chlorophylls** [SCYB77]. **chlorpromazine** [PPK78, PK76a]. **choice** [SP79]. **choosing** [HC72]. **chromophores** [Kli79]. **Chrysene** [BS79]. **CI**

[Hil79, APČ77, BNLS72, BS78b, KT77, KSP78, KPÖ76, KMLB77, KL79, Lar78a, MW74a, MLB76, ML79, Mey71, NRS79, PAČ77, PCMS77, SH75a, SHR76, Sin73b, WJ79, WMB75]. **CIBS** [Mcd79]. **Circular** [Tin79, BCL79, Dub72, MSSF79]. **circumvent** [LAV72]. **cis}** [TS78, WMB75]. **cis}-butadiene** [TS78]. **Cl** [Cur78, FM78a, MMR74, FM78a, PK76b]. **class** [KK74a]. **Classical** [FM78a, Dub72, Sch71c, Sch76b, WO74]. **classification** [KR76, MCM73, MLM75]. **Clebsch** [KG76, KG77]. **Cliffs** [Cal76a]. **ClO** [FM78a, GH72b]. **Closed** [Hil79, ČP72, DK77, Gor71, Gor72, JBP76, KC77, Lai73, MMM75, SH73, Sin75, Spe71b, SO77, PAČ77, SS73a]. **Closed-shell** [Hil79, ČP72, DK77, JBP76, KC77, Lai73, MMM75, Spe71b, SO77, SS73a]. **closure** [MMD78]. **Cluster** [Wes73, FCL79, GbK77a, Har77c, Kle77, KGB77, LH76, Lin78, Mat79a, Mon77, Pai73, Rob71, Rob72b, SPČ79, SLC78, Živ77]. **cluster-type** [SLC78]. **clusters** [HP77a, Muf76, NY75, Sin73b, Sla79]. **CN** [GML77, KJ78]. **CNDO** [CS74, DMS$^+$78, Duk79, Kau70b, KPKC73, SL73, SSH78]. **CNDO/2** [DMS$^+$78, KPKC73, SL73]. **CNDO/S3** [Duk79]. **CNS** [BWRD79, KK75]. **CNS-active** [BWRD79]. **CO** [LB79a, FM72, Eis77, LK78, PD78a, PD79, RC72, SBD$^+$70, Tru72, VG78, KTO$^+$78]. **co-ordination** [FM72]. **Co-porphine** [KTO$^+$78]. **Coarse** [MF73]. **cobalt** [KTO$^+$78]. **code** [Coo78a, FM79]. **coefficient** [DH73, JW78]. **coefficients** [Ahl74, Bar79, DH78, KG76, KG77, LV71a, SD79b]. **coherence** [Kle74b]. **Coherent** [BK76, Bow72, DMM75, FM78b, Nis77, SK72]. **cohérente** [TGSL70]. **Cohesive** [Cal75a, SP75d, ZF77]. **coil** [Por77, Por78]. **collagen** [CBV79]. **collection** [WEH74]. **Collective** [Wen79, MOV75]. **Collinear** [vDR79]. **Collision** [Chr77, Fla79, Kle74b, MFRE76, vDR79]. **collisions** [Ano79o, Ber75, BK75a, CL76, DLG79, MM72a, Mic74, Nes75, RM74, Tru76]. **Colloquium** [Sim79]. **combination** [Com77c]. **combinations** [Sol71]. **Combined** [SH75a, SHR76, ZF76, Nes75, RCE79]. **Comment** [Coo78a, Nov73, Pos70, WRS70, Amo71, HMC71, Sab71]. **Comments** [Bar77, KSL76, Kle74a, CR72, LB79a]. **commonality** [Kau74a]. **comorosan** [Bas75]. **compact** [BW76b, But76, BW76c, KE79, SH75a]. **Company** [Ahl77a, Lar78c, Sti79, Ano78c]. **Comparative** [Lec76a, PLYM78, TGG79, Ada78, KL78, Muk74, PD77, TWC73, ABM78, BB74]. **Comparison** [KPKC73, Kib75b, Lun79, MCST72, SRP76, SS70, Sla75, Con70, Gin78, Har77b, MK76a, Min79, ML76, PSK77, Tho76, Con72, Fau71, May78, OMC76, RL79, Sch76b, SRP77, SC78b]. **Comparisons** [Lar78a]. **Compatibility** [Fan70]. **complementarity** [RCE75]. **complete** [Aba72, CLP79a, CLP79b, Sol73]. **completely** [Sal73]. **Completeness** [KB77, Dal79, KK76b, LCK76]. **Complex** [Bar78, CHH$^+$78, Com78, Doo78, Hen76, Jun78, MCW78, Bar70, BFH78, CG78, DT75, FHB77, Hen74, Hen77, Hil79, Joh73, JG72, KTO$^+$78, Kib75a, MHH74, NI70a, NI70b, NB78, Nut78, PLYM78, Rei76, RRS75, Sim78a, SP71, Sun74b, Sun75b]. **Complex-coordinate** [MCW78]. **complexes** [AMC73, BR78, BV73, BVS76,

CSFM72, ENRM78, HČZ79, INY+71, JW72, LL72, Lew78, LH77, Loc77c, Loc77d, LH79, MCM73, MLM75, Pet78, SC78a, Van72, WO77, Wel77a]. **complicated** [PP71]. **component** [LD71]. **components** [Boy70a, GC77, Har79a, Pul74, SMB+79]. **Composition** [RK79]. **compound** [LKH77]. **compounds** [BS77a, BP70, FM72, Gin78, KKK70, KPP78b, KJ75, Kot76, MYTC77, PN71, PKK75]. **Compton** [BY76, Dec70, Kai77, MBM73a]. **Computation** [ADFL71, DD77a, GMG75, KPJM70, KK76c, Spe72b, LF77, ML79, SBB79]. **Computational** [RW77, ADDLG76, Ano79o, BDT77, Duf71]. **Computations** [SK73, BP74, BP75a, Ber76, BCR+78, Bur77, GCP79, Pul77, TK78, TG76, YD75]. **Computed** [Bor74]. **computer** [BF71]. **computers** [Ost79]. **computing** [SB78]. **Concentration** [Fog71, BF75]. **concept** [KK77b, SW79]. **Concepts** [LH74, Atk74, Atk91, Sha77b, Gos78b]. **concerned** [Sch78]. **concerning** [Jeh73, Mem77, Sab71]. **concerted** [TC70]. **condensation** [MBMM79, MPMK79]. **condensed** [Chr79c, Sti78]. **condensed-phase** [Sti78]. **condition** [CM72b, Kij72]. **Conditional** [Hun74, Hun75a, Hun75b]. **Conditions** [Kho79, Erd78a, Kum77, Lai73, RT77, WO75, WZ70, Fan70]. **Condon** [Sla73b, Lon73, Nis77]. **conductance** [VU79]. **Conduction** [Lew78, Lad74b, Pet78, SKS77]. **conductivity** [BK75b, FB72]. **Conference** [Cal76b, Ano78d]. **Configuration** [CS76, Fro70, HPK72, LD74, PW79, Sas74, Spe72b, TS71, TTS+79, WP79, YW73, BS77b, BS78a, BS78c, ČPH74, Cof74b, DD72, FTN77, GHS79, Hac74, HY78, HT75, JG72, JSK75a, JSK75b, KR73a, Kau74b, Kau79b, KKM70, LED73, MM70, NI70a, NI70b, PSK77, Røe75, SD79a, Sas77, SRP76, SRP77, SDJ79, SDB76, SBD+70, Tat73, Tru73b, Wei76, WV74]. **Configuration-Interaction** [TTS+79, BS78c, SD79a, SDJ79, Tru73b]. **Configurations** [ENRM78, Cha77, Csa77b, DN75, Dav74, KZ73, MS71a, Muk75, PH77, SM71a, SM71b, SM71c, YW73]. **confined** [Wei76]. **Confirmation** [Ram78]. **Conformation** [AMC73, Kan74, CC79, DS79, FSV79, KD79b, LL72, LCPP79, MGT79, PPC72, PGPP79, PS79b, Pul70, PS75b, PC76, RRNS75, BP73, RRNS75, SMP77]. **conformation-energy** [KD79b]. **Conformational** [AJ79, AMJS79, BZSD79, BWRD79, IZZ+79, KK77a, KP79a, KVSG79, ME78, MDA78, RRS75, RU76, RSK+78, Rou73, Rou74, SD77, Sri77, VU79, WTB+76, Wei77, WN78, HPW79, JE79, KM72, PPC72, PBC74b, RKOU77, Sun74a, VGS79a, KL77a]. **conformations** [DSMM79, Har75, Kar78, Pop79, Pul76, SY77, ULM76, Shu77a]. **conformer** [Bur77]. **congeners** [WOEG78]. **conjugate** [RE70, RPK78]. **Conjugated** [LL73, BVO72, DM72, ICS74, MCST72, Muk74, NMS77, NS78, SN79, SG77a, TTN76, TSE76]. **conjugation** [MOV75]. **Connection** [SF76, LP74a, Tic79]. **conservation** [BBT71]. **conserving** [PK75]. **considerations** [HBB77]. **considering** [HPW79, ST79a]. **consistence** [KS75]. **consistency** [BS77b, BS78a]. **Consistent** [ÖL78, Sla70a, Abs72, BKS79, BBP71, Bor70, BK75c, CWE71, DS74, Gou73, Hac74, Hal78, JL74, Kar70b, Kar70c, KFY71,

KKW73, Kle70b, LG77, Meh78, MM72b, MSM70, MBM71, MMM71, ÖL79a, Sco74, Sel75, SLC78, TGSL70, Vla70, VK74, ZF76]. **constant** [AB73, BR72, IM73, KL77c, Men71, PGPP79, SEW73]. **Constants** [TPM70, Csa76, Csa78b, GPP73, JE79, LZ77, Laz79, LG71, Mak71, SP75d, TB74, Tic79]. **constituent** [KR76, Kla78]. **constituents** [PGPP79]. **constrained** [Mor78, MI78, NI74]. **constraint** [Sch78, CM72b]. **constraints** [Mor75]. **constructed** [Ra76b]. **constructing** [PW74a]. **construction** [Blo72, Blo73, Jor75, MS75, Pau77, Sab73, MMB70]. **contact** [HB79, Sim78b]. **contacts** [Jeh73]. **contained** [Sur71]. **containing** [DCS77, Mar79, MM74, SN79, TK78, WRF73]. **content** [HL78a]. **continuation** [Jor75]. **continuity** [MK76b]. **Continuous** [Eng71, FHB77, WEH74]. **Continuum** [CG79a, Dmi75b, Nir75, RM79]. **contour** [HKP79, Kau73, SBB79]. **contracted** [OK75]. **contraction** [Dav79]. **contribute** [Hal79a]. **Contribution** [Pul77, CG79a, Men71, KKK70, WN71]. **Contributions** [GBT79, GTBB77, KP76, Par73]. **control** [BCL77, KKP77]. **convenient** [Jet73]. **Convergence** [Ahl77b, BG76, BK71, DSY74, Sal73, AM77b, AM77a, CJS77, Csa77a, Euw71, FP77, JSC78, KS75, LAV72, TRPB77, Ahl70]. **convergent** [PW74a]. **converging** [SH73]. **conversion** [Plo79]. **convex** [Col77b]. **convulsant** [AJ79]. **CoO** [WJ79]. **Coordinate** [Spe72a, AMC73, Jun78, LV78, MCW78, Nal78, Spe71a, Spe71b, SP79]. **coordinated** [JMP78]. **coordinates** [CHH$^+$78, KOW77, Rei76, WRS70]. **coordination** [RBDV77]. **Coplanar** [GMZ73]. **copolyamino** [SWF79]. **Core** [CE73, SHI73, BFS73, KZ73, San72, TP78, YD75]. **core-electron** [BFS73]. **correct** [SK71]. **correction** [Csa79b, Han77a, RB75b, YD75]. **Corrections** [BMM75, CFHS77, CT77, DC73, Mal71a, Mal71b, PT78, PPI73, YJ76]. **correlated** [BS70, GL74, Hen78, KM74a, LG75, Meh73a, Meh73b, Pet77, PNC$^+$78, Rob71, Rob72b, Sim72, WV74]. **correlating** [SBD$^+$70]. **Correlation** [BFS73, BS74a, BS76a, BL77d, ČP71, ČPH74, ČPP75, Com77a, GTBB77, Nes71, Nes77, PČH74, SPČ79, Spe72a, Aro78, BB70, BBB73, BP78, BN74, BS76b, CEK72, FU76, Fro75, GL74, Hur76a, Hur77, JMM71, JMP79, JŻ79a, eAJ76, KM74a, Kau70a, KP78, KKK79, Lan73, LG77, LG75, Lud71, MW75a, MVN75, MMM75, Nes70, Ove73, Pal75, PT78, Pet77, PBS76, PKSB78, Res78, Rob71, Rob72b, Rue79, SDD72, Sha77b, Sha78b, SJH79, Spe70, SL70, SMW71, SO77, Tat76, WK72, LB73b, RKOU77]. **correlations** [BC75, Ran78, Sin73b, SS78b]. **corresponding** [Bur72, RC78]. **Cosmic** [Fox75]. **Cotton** [AB73]. **Coulomb** [AM77b, BK74, Eng72, KKK79, LH74, Lar78b, LC77, Sil71, Sur71, TL79]. **Coulombic** [AFD$^+$78, PD78a]. **couplage** [TGSL70]. **Coupled** [BSM72, BM73, GBM74, GRM75, Har77c, HDG71, MM72a, RGM77, BP78, BMM75, ČP71, HMV77, HMV78, HBE78, Hun74, JS77, Lin78, Mat79a, Mon77, SPČ79, Vog79, Živ77]. **Coupled-channel** [MM72a]. **Coupled-cluster** [Har77c, Lin78, Mat79a, Mon77, SPČ79, Živ77].

coupled-pair [BP78, ČP71]. **Coupling** [GÖ68, HL79, BOP76, BBA73, GPP73, Hal75b, IMN79, JE79, KK74b, KK77c, Laz79, LRD+77, LRD+78, Mak71, Men71, Shu77c, TGSL70, TB74, GÖJ+73]. **courte** [JM76b, TBB70]. **covalent** [Ada77, FCL79]. **CR** [BFH74]. **CrF** [KL78]. **Crick** [Sun77]. **Cristal** [DQ77]. **cristallins** [JM76b]. **criterion** [JTR77, LCK76]. **Critical** [BG70, Hub71, BBK76, BS78b, ČZ79]. **cross** [Bar79, BG78, Chi77, Fae79, ML76, SSM75]. **cross-sections** [ML76]. **crossing** [NB72, Pop71]. **crossings** [BR75b, BF78]. **Crystal** [Ave79b, AB79, Ave79a, Bal71, Loc76, SW71, WN71, AD77, Ave79c, Bow71, Ell73, HP77a, LFF79, MME79, MCM73, RW74, RT77, SLC78, SW70, Sol73, SS77b, Wol71]. **crystal-field** [RW74]. **crystalline** [BL70, CKI75, Euw71, JM76b, Kar78, VK74]. **Crystals** [Jul78, Sla70a, BF71, Cal75a, DS70a, Dav72, DF76, GMG75, HKM71, JMP78, Kho79, Kun78a, KOW78, Kun78b, Lip72, Loc77b, MCM73, Sch71d, Spe73, SBM70, TW77, Wój76, Fan70, Cal79a]. **Csizmadia** [Ano78c, Lar78c]. **Cu** [KD77, RRS75]. **Cubic** [KOW77, Kun78a, KOW78, Kun78b, SS77b]. **CuCl** [FWJ+79, KWC79]. **cumulene** [Ukr72]. **current** [Löw77]. **curve** [Liu71a, MVN75]. **Curves** [HL79, Gub79, GBK77b, Jor75, May78, NS73, PK71, Wil77b]. **cusp** [CM72b]. **cut** [LC77]. **cut-off** [LC77]. **Cyanide** [Mof79]. **cyanogen** [Mof79]. **cyclic** [Bur77, Kar78, LV71b, LV72, ME78, Ra76a, Sun74b, Sun75b, ST78, ST79b]. **Cyclo** [RSK+78]. **cyclobutane** [KC79]. **cyclohexapeptide** [RSK+78]. **cyclopropane** [LG77]. **cysteinyl** [PPC72]. **cyt** [Han79]. **cytochrome** [Har77a, LHK77, PL79, RL79]. **cytosine** [CLP79b, KD77, PZP79, ZR78].

D [AS78, Cal73a, Cal73b, Sti79, AC70, AJK78, MS71b, Rit76, Ros78a, TP77b, Wei76]. **D-** [AJK78]. **Dancoff** [HU74, Lar78a]. **dans** [DQ77, TGSL70, TBB70]. **Darboux** [BG72]. **data** [CFMO73, FKS76, SKW72, WEH74, Ahl77a]. **dC** [PPP79]. **decade** [Van71]. **decay** [BYB79, HLMV77, HF72]. **decaying** [HMV77, HMV78]. **decomposition** [Jør77, KM76]. **Decoupled** [NS72, NS73]. **Decoupling** [WZ70]. **defects** [FCL79, Lar75, PBPL78, Rou78, SC79]. **defining** [Fin73]. **definite** [KR73a, KR76]. **definition** [Wil79b]. **Definitions** [Spe71a]. **Deformation** [Ave79b, AB79, Ave79a, Ave79c]. **degeneracies** [LG71]. **degeneracy** [Eng71]. **degenerate** [BEF78, BY76, Csa78a, Dmi75a, Dmi75b, IS75]. **délocalisation** [JM76b]. **delocalization** [EL73, JM76b, KPP78b]. **delocalized** [Loc77d]. **delta** [CB72]. **delta-function** [CB72]. **demonstrating** [RU76]. **demonstration** [RR72]. **Densities** [BHM75, BW73, CG79b, Hen78, HYL78, Lim75a, NN72, Pai73, Pau78, RR72, Sch73a, Sha77a, Sha78a, Sin75, SBM70]. **Density** [Ave79b, AB79, Ave79a, Gar78, HS79, Har71b, KL75, LS71, LL70, MW75b, SLM70, SJH79, Spe72a, Spe72b, SS77a, Ada72a, Ada79, AM72b, Ano78d, Ave79c, BG75, Bun77, CM72b, Cli73, CFMO73, Col78, CH77, CESW70, Csa77a, CM75b, DC73, Del74, DD77a, DR75, FM78b, GF76, GH78, Gás71,

GY75, GP79, GJLL75, GJ76, Han75, Har70b, Har77b, Har79a, ICS74, Ive74, Kau73, KKA78, KP71b, Kry77, Kry78, KR73b, LS70, Lar73, Lar78a, Lar78b, Lar79, MSL73, Pea74b, PS75a, Ros78b, SP75c, SLC78, Spe71a, Spe71b, SC73, SMW71, TB78, TW77, YL74, ZF76, ZF77, KOW78, Kun78b, SDB76]. **density-matrix** [Cli73]. **dépendance** [TBB70]. **Dependence** [Bow71, DRCT78, FN73, MDC79, AZ72, Csa75, Fog71, HF72, KMLB77, MP71b, NB78, Nor75, RS78a, RS78b, RS78c, Sco71, Tal77, Tan74, TBB70]. **Dependent** [MK78, Sch71e, Ahl74, AMSS79, Bre73, Cli73, CESW70, CEK72, Gol73, Han70b, Har77a, HU74, JL70, Kar70a, Kar70b, Kar70c, KFY71, Moc73, RGM75, Sch71b, Sch71c, Sch71d, SM73b, VU79, WA71, Jam70]. **depolarization** [Urr77]. **deprotonation** [HL78b]. **depsipeptides** [Pul74]. **derivation** [Ada75b, Man77]. **Derivative** [PKSB79, Col79, PW74a]. **derivatives** [BSZ78, BS79, MPN79, SB75]. **derived** [RE70]. **Desargues** [Ran79]. **describing** [CSDV78, Gos75, PP79]. **Description** [Koc74, Ada77, Car75, ESG79, GSE78, Kau74b, KN79, LH74, Lar78b, SM77]. **descriptions** [FM72]. **design** [Kau79a, ME78, WH75]. **detachment** [SL79]. **detected** [MSSF79]. **Determination** [BS77b, BS78a, BCL79, Boy70a, HE77, JW72, JMP78, KZ73, OJB77, Ben72, LP74b, Pal73, RK77, WB73, BJ73, BJ73]. **determining** [CD74, CSFM72, MCF$^+$70, MCM73, Sol73]. **deux** [TBB70]. **Development** [SC78b]. **developments** [Mes73b, Mic74, Mic76b, Pai73, PHL$^+$76, Pul79a, Sal79, Tri77]. **dG** [PPP79]. **d'hydrogène** [Lei74]. **diagonal** [Erd78a, ST79a]. **Diagram** [KE79, Man77, Pau77]. **Diagrammatic** [SL70, Wil77b, BS75a, WS79]. **diagrams** [PČH74]. **diamagnetic** [Ema74, GZ72a, GZ72b, Hal73]. **diamagnetism** [SM73b]. **diamond** [SEW73, WESW73, ZF77]. **dianion** [MW74a]. **diatom** [KL77b, LKH77]. **Diatomic** [Jai70, AM77b, AM77a, BR75b, BFR78, Dav72, EB74, FW75, Gia76, Gin78, GJ76, Hal75b, HE77, Hen79, KD79a, Li76, Nal78, NS73, PK75, SM73a, SS71b, SBD$^+$70, WO76, YG77, vDR79]. **Diatomics** [NS79b, Dun78, Moh77, Pul78a]. **Diatomics-in-molecules** [NS79b]. **diatoms** [CB72]. **dibenzo** [CT79]. **dibenzo-p-dioxins** [CT79]. **dibenzofurans** [CT79]. **dichroism** [BCL79, Dub72, MSSF79, Tin79]. **dielectric** [Bre73, Bre75, Csa76, Csa78b]. **diene** [Par72]. **Difference** [Fro79, FW75, FU76, HPK79, TTS71, WK72]. **differences** [Hal71, JS70, Sim77a]. **different** [CL73, HMV77, Kut78, MK76a, May78, SRP76, SRP77, TB74]. **Differential** [HTG77a, BKW75, HBE78, PK75, SSM75]. **Differentiation** [AJK78]. **Difficulties** [ML79, BK71, LAV72]. **diffraction** [CFMO73, FM78b, MPW75]. **diffusion** [Tal77, WRF73]. **difluoride** [RTM77]. **dihydrides** [LB73a]. **dihydrodiol** [LPP78]. **dihydrouracil** [GJP79]. **dilated** [Bal78]. **dilemma** [Kat72, KD74]. **dimension** [Ada72b]. **dimensional** [CK73, FY79, RW75, Red79]. **dimer** [ACG74, BS78b, Dau74, MO77, MHW78]. **dimerization** [EL73]. **dimers** [Sch71c, WZ70, Cur77, Wel77a]. **dimethyl** [LCPP79]. **dimethylphosphate**

[PGPP79]. **dinitrogen** [Hal79b]. **diol** [LP79a, LP79c, PDE79]. **dioxins** [CT79]. **dioxygen** [RBDV77]. **dipalmitoyl** [VH75]. **dipeptide** [PS79b]. **Dipole** [CAMC71, DD71, SBB79, Als73, BSM72, ETF79, GJP79, GBM74, HH77, KMT77, Kob78, LED73, LD73, Lar78a, LCP76, Li76, MCST72, RGM77, SLJ78, Sin73a, TSE76, Wei76]. **dipole-dipole** [LED73, LD73]. **Dipole-optimized** [SBB79]. **Dirac** [ERW75, GY75, Goo76, KL77c, YG77]. **Direct** [Cal79c, ICS74, KS73a, KBK72, Pal73, Wel75, Wel76, Wel77b, YL74, BJ73, ČP72, Col79, GHS79, PPB78, Jak76c]. **directe** [BJ73]. **directed** [BKW75]. **direction** [LW77]. **directional** [Kai77]. **directions** [DM72]. **dirheniumoctachloride** [MMR74]. **Discontinuous** [SWP77, HHR70, Lud75]. **Discovery** [MS71b]. **discrete** [CS78, Pai71, ZF76]. **discretization** [RM79]. **Discussion** [Kau74a, CS73, Feu77, WN71, Pos70]. **diseases** [ULM76]. **dislocations** [De 78]. **disordered** [Fau71, Fau76, Oni79, Sto71]. **disorders** [Kau76]. **Dispersion** [Ahl74, BHM75, SE79, Abd71a, Abd71b, BR72, DY73, Koc74, Lan74, Liu71b, MP71b]. **Display** [NGR$^+$77, WS75]. **Dissipative** [Pri75, GP74]. **dissociation** [BS77a, CSR79, PT78]. **dissociative** [Gub79]. **dissolved** [AMJS79]. **distance** [JM76b, TBB70]. **distances** [CODM77, Mul74]. **distinguishable** [CSY$^+$74]. **distorted** [Ada73]. **distortion** [INI71]. **distribution** [AM72b, Ben72, BT71, GH72a, Hea71, JMP78, LS72, OMC76, WESW73, ZL78]. **distributions** [BS70, Ber76, BKW75, DD77a, GN77, Gás71, HRBB76, KR73b, Tru76]. **disulfide** [Boy74]. **dithienyls** [AeAs78]. **diuretics** [SS74]. **divalent** [AD77]. **Divergence** [You75]. **divers** [JM76b]. **diverse** [Urr78]. **diverses** [eAJ76]. **DMP** [LCPP79]. **DNA** [Abd76, ANR75, CC79, Coo79, ESR74, FSV79, INY$^+$71, KGP79, KKK79, KS79, Lad70, Lad74b, Lad75b, LSOC77, MGT79, PP79, PPP79, Por77, Por78, PZP79, RKE79, Sey76, SR78, Vol79]. **DNA-dye** [INY$^+$71]. **DNA-type** [KGP79]. **do** [PS75a]. **DODS** [KU70, MK76a, RJ73, WV74]. **dominant** [GBTB78]. **donation** [LB79a]. **donor** [DBBJ76, ZV79]. **d'optimisation** [BPTLVM73]. **Dordrecht** [Sti79]. **double** [BS77b, BS78a, BV73, BVS76, CK73, CC79, GG79a, GG79c, IZZ$^+$79, KP79a, Kle70b, KMLB77, LG77, Lim77a, Ros78a, TP77b]. **double-helical** [IZZ$^+$79, KP79a]. **double-well** [CK73]. **double-zeta** [GG79a, GG79c]. **doublet** [BMD70, Hal75b]. **doublets** [Bow71, GHS79]. **doubly** [AS78]. **Dreikörperproblem** [KBA76]. **driven** [FMRG75]. **Drug** [Ano76e, Dav77b, DSMM79, Kau79a, KVSG79, ME78, Wei75, WO77, WH75, Ano76e]. **Drug-Enzyme** [Ano76e]. **Drug-Receptor** [Ano76e]. **drugs** [BSB77, DH78, Gab76, KK72, KM72, KK74a, KK75, KPP78a, Wei77]. **dT** [PPP79]. **Dual** [NI74]. **Dual-basis** [NI74]. **due** [HK74, ML79]. **d'une** [Mar73a]. **during** [CSR79]. **dye** [INY$^+$71]. **dyes** [BTD79, FTN77]. **Dynamic** [CL77, LP74c, Ahl77b, HS77, KKP77, Moc74, MMS70, MM72b, MSSF79]. **Dynamical** [Lun75, SIM75, Kun78b, Oda73, PP79, Sin73c]. **Dynamics** [Eis77, Sim78b, CJCM73, Enz73, FM78a, Hub71, MHRS76, MHRS77, OCRMLR$^+$71, Pri75, RM74, Fan70].

E. [Sla73b]. **earth** [PBG76, RW74, LB73a]. **easier** [Col77a]. **Easy** [Gia73]. **Eckart** [Jør78]. **economic** [Bil72]. **ecosystem** [BCL77]. **Ed** [Lar78c, Sti79, Cal79b, Dun78]. **edifices** [RS78c]. **Edited** [Cal73b, Cal75c, Cal76b, Shu77b, Shu77a]. **Editorial** [Sab75b]. **Edward** [Lon73]. **Effect** [JMM71, KGP79, LRJ73, MK72, NMS77, Nor75, San71, SSM75, SS77a, SH75b, Tat73, Ave75, Bas75, BN74, BMM75, CHH$^+$78, ČPH74, DY76, Ham71, HT75, JVM78, KN79, KBKČD78, LCPP79, MSSF79, MG77, PK72, Rei76, SHO71, VH75, Vol79, YR76, GZ72b, Sch71e]. **Effective** [BW76a, Bra75, GCJ73, MW75c, ST79a, TP78, TOED79, Wes79, Bra79a, CW77, Jør77, KK74a, Sla79, Wes73, WJC70]. **Effectiveness** [Sas77, Jak76c]. **Effects** [ST73, BBB73, BS79, BL77d, ČPH74, ČPP75, CJCM73, DN75, DBJ74, Han79, HPW79, KC73, KC77, Kle74b, LCPP79, Lun77, Mat73a, Mat76c, MVN75, ME78, Nes77, PČH74, PP74, RKE79, RM72, TP77a, TDB77, WC75a, Wen79]. **efficient** [GJ76, Koe74, PD78a, Rou79]. **EHF** [May74a, MK75b, MK75a, May78]. **eigenfunction** [HL78a, KD79a]. **eigenfunctions** [BB73, GTG76, MS75, RB75a]. **Eigenproblem** [Kun78a]. **Eigenspace** [ACH72, Car74]. **eigenstates** [Bri73, Goł79]. **eigenvalue** [Kar70b, Kar70c, KFY71, KA76, LA70, LWA74, Nor75, RE70, WAL71, Woo72, KBA76]. **Eigenvalues** [LL70, Cas78a, Gra77, Koe74, LC77, Ste74, Wel70, Wel71]. **eigenvectors** [Koe74]. **Eigenwertberechnung** [KA76, KBA76]. **Eikonal** [CL76, GLS79]. **Einfluß** [BKW75]. **einsamen** [BKW75]. **Einstein** [MBMM79, Wil79a]. **Elaboration** [RCE75]. **elastic** [BG78, SSM75]. **elastin** [RU76, RSK$^+$78]. **Electric** [Als73, LGP75, BSM72, CE73, Gra77, HH77, Kob78, Lar78a, LCP76, Loc72, MCST72, PPI73, TSE76]. **électrique** [Loc72]. **electrolyte** [Tal77]. **Electron** [BL77b, BH71, Bra75, Com77b, ES73b, ED79, Gal72a, GN77, GOK79, GLS79, Goo76, GP79, Hur76a, JMP79, KM74a, LS72, LRD$^+$77, LRD$^+$78, Mic76b, Mil71, PKSB78, Spe70, Spe72a, VGS79a, WESW73, Aba72, AC76, Abs78, Ada72a, AB73, AM77b, AM77a, AM72b, AT75, Ano79o, ACK$^+$75, BFS73, BB70, BP78, BTD79, BN74, BL77a, BM74, BBP71, BDP73, BG78, Ben72, BL70, Bil72, BK75a, BK76, BW73, Bra79a, BY76, BB73, BB78, Cal72, Cal73c, CM72a, CHD71, CB72, CSY$^+$74, ČP71, ČP77, CJCM73, CM72b, CFMO73, CH77, CESW70, Coo78a, CS72, Csa77b, Dah78, DL75, DSC$^+$77, DT72, Dec70, Des72, Feu77, FU76, Gal74, Gás71, GBT79, GC77, Gru70, GL74, HR79, HLGC73, Hen79, Hos72, HP77b, Hur76b, HYL78, HR76, Jak76a, Jak76b, Jak76c]. **electron** [Jak76d, JMM71, JŻ79a, JPTM78, JM73, Jun78, KL75, Kle74b, KP78, Kun78a, KOW78, Kun78b, KS72, KK77d, KKK79, KPÖ76, Lad74a, LH74, LP74a, LG77, Lim76b, LE72, LS74a, LÖ77, LBÅF78, LB73a, LG75, LPT$^+$74, Lun77, LAM71, MMB70, MW74a, MS71a, Man77, Mar79, MM74, Mat76b, Mat79a, May74a, May74b, MK75b, MK75a, May78, MLB72, Moh77, NN74, Nes77, NB78, PČL78, Pau78, Pet77, Pet79, PN76, PBS76, PK77c, PÖ77, RL77, Rat78, RC70, RC71, RC72, Rob71, Rob72b, RJ73, RB75b, RK76,

SHI73, San72, SM73a, SM76b, SM76a, SD78, Sar75, SPČ79, SM71a, SM71b, SM71c, SLJ78, SMH77, SG77a, Sha77b, Sha78b, SS73a, SS73b, SIM75, Sil71, ST70, Sin73b, SS71a, Sla70b, SJH79, SR72c, SBM70, SMW71, TS71, TNB79]. **electron** [TOED79, WMB75, WRS70, WV74, YL74, ZV79, SL79, SDS73, Com77a]. **electron-atom** [CM72a]. **Electron-conformational** [VGS79a]. **electron-density** [CFMO73]. **Electron-intramolecular** [LRD$^+$77, LRD$^+$78]. **electron-lattice** [CS72]. **electronegativity** [Joh77, MR72]. **Electronic** [ÅFL78, BT78a, CT79, CSR79, Chr79a, Duk79, EP71, Fau71, Fau76, FWJ$^+$79, GPC$^+$71, GML77, GL74, KMO77, KWC79, LSS78, LF77, LGM77, LM72, LG75, LV71c, MW74a, MHWC78, MHW78, MOV75, Nes70, Nes71, Pet78, Pop71, Rit76, RL79, SMB$^+$79, SPČ72, SCYB75, SM79, Sto71, Ukr72, AeAs78, ANR75, Ada75a, AMSS79, BF71, Boy72a, BS78c, Bur77, Car75, CSFM72, CS76, ČPP75, CR72, CL78, CK74, CS78, De 78, DD77a, DM72, Fin73, FBL79, GP79, GK75, Har78, HS70a, Hin77, Hop78, HT75, HR76, JR74, Joh75, JW72, JG72, Kan74, KR71, Kel75, KJ75, KL77a, KC74, KD79a, KU70, KS79, Lad75b, LL76, LVDC74, LP79a, LFF79, LKK$^+$79, LE72, LÖS73, LK78, LS79, Lud71, Lud75, MPN79, MS72a, MS74, MCF$^+$70, MCM73, Mic76b, ME78]. **electronic** [MR72, MK72, NS75, NT79, Pai71, Pal75, PH77, Pet77, PNC$^+$78, RM79, SHO71, SP74, SP75b, SLB77, SLC78, Spe73, SWP77, SG76a, TB74, Tho76, Tru73b, Tru73a, VG78, WS79, ZF76, LL72, PLSL78]. **Electronic-structure** [KMO77]. **Electronically** [FMRG75, BS75c]. **électronique** [LL72]. **Electrons** [JBG70, TW77, AL71, BKW75, Col77b, GGJ77, Hil79, KMLB77, Lin71, MK76a, SIM75, SKS77, SM73b, Tat76, TL71, Wan79]. **Electrophilic** [Mem75, Mem79, HG75]. **Electrostatic** [CM75a, CFHS77, HKP79, NS79a, SS73c, DRCT78, GPP79, Kib75b, OMC76, PPP79, PT75, PPK78, PD77, PZP79, SBB79, GJP79]. **Elektronenpaars** [BKW75]. **elektrophilen** [HG75]. **element** [Sha78b]. **elementary** [Bra79b, ČZ79, Lan74, Rei70]. **Elements** [Gal72b, HL79, Sas74, DD72, Dav74, HBB77, HLGC73, KR73a, LS74a, Nis77, Oda73, PW79, PN76, Pos78, RCE75, Sur71, Tru72, WG74, Wit76, WP79]. **Eleventh** [Pul78b, Sti79]. **elliptical** [LGR73]. **Elsevier** [Ahl77a, Ano78c, Lar78c]. **elucidation** [Pul77]. **embedded** [Dmi75b]. **embedding** [BHLM78]. **emergence** [Pea74a]. **emission** [GK75]. **emitted** [Hea71]. **empirical** [BBL77, CAMC71, HLYC77, LÖS73, NMS77, San71, San72, SMH77, SG77a, WJC70]. **End** [RBDV77]. **End-on** [RBDV77]. **endowed** [KMT77]. **energetic** [KC77]. **energetics** [VU79]. **énergie** [BJ73, BPTLVM73, eAJ76]. **Energies** [OJB77, Abd71a, Abd71b, BM74, BJ73, BP75b, Cal72, Cal73c, Cal74, CM72a, Cas79, CJS77, ČP72, CR72, CAMC71, CV73, DGC77, DCM74, DMR74, Dau74, GJP79, GBT79, GLS79, Gin78, Hal75a, Har77c, HE77, Jak76d, JMP79, JSC78, KZ73, Kau70a, KPKC73, Mcd79, Mey71, MDS75,

Muk74, MMM75, Nir75, PT78, PNC+78, Rit76, SHO71, SBM72, SP75d, SO77, Tal77, TNB79, Tru73b, Tyu75, Tyu78, WJ79, ZR78, ZBH+78]. **Energy** [BG75, CD76, DL75, Dav72, DF76, FY79, HF72, Jai70, KKA78, Lad70, Lad76, LL70, LB73b, OK75, Sch71a, SW71, TC70, Wan79, AF73, BFS73, BA78, BS74a, BS76a, BNLS72, BZSD79, Bor70, Bor74, BPTLVM73, BEF78, BFH74, BWRD79, CZNL70, CB72, CJ73a, CJ73b, Cha71, CL76, Cof74a, CESW70, CEK72, CH74, CH75, CZ75, DMS+78, DEC78, EL73, EH73, Eng71, Euw71, FN73, Gar74, GTBB77, Gra77, GBK77b, HS76, Han77a, HS79, HS75, Hen79, Höl77, JTR77, JŻ79a, Jor75, eAJ76, KS73a, KP71a, KP76, KM76, KD79b, KBK72, KP78, KKK79, KMLB77, Lad74b, Lar78a, LV71b, LV72, LW77, Lin77, LG70, Lip72, MP71b, Moh78, MDA78, Muf76, NY76, PT78, PPC72, Pet78, PK71, PD78b, Pop71, RU76, RKOU77, RE70, Rue79]. **energy** [San71, SP75a, Sco71, SDD72, SW70, SB78, Spe73, Sri77, SP77, SK79, SL73, SO77, TB78, TTS71, TDB77, Vog79, WK72, WS75, Wei77, WN78, Wel76, Wel77b, WS79, WFS77, WM79, ZSR79, CT77]. **Energy-band** [Lad76, Pet78]. **Energy-based** [TC70]. **energy-dependent** [CEK72]. **energy-localization** [Eng71]. **Energy-shifted** [CT77]. **energy-spectrum** [WFS77]. **England** [Com77a, Com77b]. **Englewood** [Cal76a]. **Enhanced** [Ave75]. **enhancement** [Gol70]. **enhancements** [BC76]. **enol** [ZR78, ZBH+78]. **ensemble** [BHLM78]. **enthalpy** [BCR+78]. **entropy** [HČZ79, Pri75, Sch76a]. **environment** [ST73]. **Environmental** [TP77a, PP74]. **environments** [Boy70a]. **enzymatic** [BCR+78]. **enzymatically** [LHK77]. **enzyme** [Gol70, LP79b, VGS79a, WEH74, Ano76e]. **enzyme-catalyzed** [WEH74]. **enzymes** [AMSS79, LKK+79]. **ephaptic** [Wal77]. **Epoxide** [PDEB78, LPP78, LP79c]. **epoxides** [LP79a, PDE79]. **Equation** [Lib76, TN73, Ada73, Amo71, Bie75, Csa79a, ESG79, Fro79, Hen77, Koe74, LA70, LWA74, NS75, Nor75, PW74b, PW74a, RL77, SHI73, Sil71, VB72, WA71, Wel70, Wel71, WZ70, WAL71, Woo72, YL74]. **Equations** [FG79, HY78, Ada78, BEH77b, Cal79c, Cli73, DSY74, DR75, FW75, HS75, HBE78, JM73, Kar70a, Kar70b, Kar70c, KFY71, Lai73, Lan73, Lim74a, MLB73, May74b, MK75b, Mes79, Ner76, SA77, SIM75, SS71a, SD74, Živ77, Sim77a]. **Equations-of-motion** [FG79, DR75, SIM75]. **equilibrium** [DN75, Sim78b, SP75d]. **Equivalence** [JD74, HT75, SHO71, SDB76]. **Equivalence-restricted** [JD74]. **Equivalent** [GÖ68, GÖJ+73, Sch77b, BS74b, DN75, PW74b]. **Erich** [Ano77l, Par77]. **Errata** [GZMM73, GÖJ+73]. **Erratum** [May75, PA77, SRP77]. **Error** [LTR74, BS77b, BS78a, Col77a, JW76, KA76]. **Errors** [HS76, SP77]. **ESCA** [BL77c, Con72, WK73]. **ESR** [MS71b]. **esters** [Kla78]. **estimate** [CS74]. **estimated** [JŻ79b]. **Estimation** [BYB79, LSOC77, PT78, DMS+78, LB73b]. **état** [BJ73]. **états** [BJ73]. **ethers** [DBBJ76, GBS70, GBS70]. **ethidium** [PL77, RKE79]. **ethyl** [MEW70, OMC76]. **ethylating** [HPK79]. **ethylcarbonium** [TWC73]. **ethylene** [CSR79, FWFM77, FJP70, HMC71, MMD78, PDEB78, Rat71, Rou74, TS78, WC75b, Wes79]. **etiology** [Kau74a]. **Etude** [DQ77]. **etudié** [TGSL70]. **europium** [Fog71, Liu71b, SKS77].

evaluate [PD78a]. **evaluated** [SHI73, Sla79]. **evaluating** [Jet73]. **Evaluation** [BR78, Che71, DDH78, BOP76, BSG77, Col79, eAJ76, Sha78b, ST70, PAM75, Pos78]. **Evaluations** [Sha76]. **even** [Raf75, Sar75]. **even-tempered** [Raf75]. **evidence** [Feu77, Oda73, Pet78]. **evidenced** [Lar75]. **Evolution** [Sun74a, BF75, DS79]. **evolventibus** [BP79]. **Exact** [BS71, CJ73a, HKM71, LC77, Nis77, HL78a]. **Examination** [Dub72, Jak76c]. **examples** [BG72]. **Exchange** [GMZ73, SW71, AM77b, BYB79, CJ73a, CJ73b, CESW70, CEK72, Csa75, Dan72, ES70, Hir70, Ive74, Kle70a, Lin71, LPT+74, Ove73, Pie71, Sco71, Sil71, SW70, Sla71a, SC78a, Suz77, Tat73, SJH79]. **exchange-correlation** [CEK72]. **excimer** [AZ72, Fla79, MHWC78]. **Excitation** [CK74, OJB77, Abd71a, BS77b, BS78a, BK76, BZSD79, Bow79, CW77, CS76, ČP72, DC75, Gos75, Har77c, NM77, Oni79, Tru73b]. **excitations** [BP78, Bra79b, CKI75, Gre71, Mil71, MOV75, MMS70, Ner76]. **Excited** [LS79, SCYB77, WMB75, Abd71b, AS78, Bar77, BN76, BJ73, BS75c, Cha77, CD74, ČPH74, CKD73, DS76b, DY73, DC75, GB75, GL74, HNT78, Hea71, HT75, Hos72, KKW73, KSP78, Lin77, LG75, LAM71, MW74a, MCST72, MMS70, MM72b, MG77, MSM70, MBM71, Muk74, Mul71b, PČH74, PLMB73, RB77, Ros78b, SMB+79, SC76a, Tan74, TTS+79, TSE76, You72, YD75, SPČ72]. **excited-state** [BN76]. **excités** [BJ73]. **exciton** [Par72]. **Excitons** [MBMM79]. **Exclusion** [Lim76a]. **Existence** [Živ77, RT77, TK78]. **expanded** [Ber73]. **Expansion** [Dal79, Ada72a, Ada79, Csa77a, Ema74, FB76, GPP79, Gra77, HNT78, Lin70, Man77, MHPS70, Mat71a, Mcd79, MW75c, Rob71, Rob72b, RK79, SR72a, Sal73, SR72b, SP79, WS79, You75]. **expansions** [BG72, CJS77, GbK77a, Gor71, Gor72, JSC78, KL75, Kle77, KGB77, MCST72, Meh73b, NY75, PAM75, SRP76, SRP77, SF75, Wes73]. **expectation** [BSG77, BL77d, SK71]. **experiment** [BP72, Ber75, Gin78, IZZ+79]. **Experimental** [Rob72a, Con70, Coo78a, Nes75, Sin75, Feu77]. **Experimentalist** [WBKL70]. **explicitly** [Sim72]. **exploration** [PBC74b]. **explore** [SDD+77]. **exponent** [LS74b]. **exponential** [CM76, Höj79a, Höj79b, Sch72]. **exponential-type** [Höj79a, Höj79b]. **exponentials** [Sol71]. **exponents** [BPTLVM73, Vla70]. **exposants** [BPTLVM73]. **expression** [Gar74, KD79a]. **expressions** [KP71a, LG70]. **Extended** [BRS+75, BEF78, EB74, FMZ70, JL74, KT76, AM72b, Als73, BFH78, Bur72, CFHS77, Chi77, FHB77, JS70, JNŽ72, KPKC73, MLB73, May74b, Mes73b, Pel77, Han79]. **Extension** [KP72, MDS75, TB75]. **extensions** [Lun75]. **external** [Sim78b]. **Extrapolations** [BG70].

F [Cur78, FJP70, GH72b, KJ78, Lar76, Par73, TS77, FJP70, GH72b, LL72, Min79, PK76b, RM74, RW75, ST72, SBD+70, VG78, WK73, ZL78]. **F-** [FJP70, FJP70]. **factor** [Gol70, Nam75, SK72]. **Factors** [Kar78, BS76b, BM73, CT79, GBM74, GRM75, MS71a, MMM71, SM71a, SM71b, SM71c, Sur71, TS71]. **family** [BSB77]. **Faraday** [Ave75]. **Farnell**

[Sab75a]. **fast** [TS71]. **FCC** [KOW78, Kun78b]. **FCO** [TB74]. **Fe** [BMD70, GML77, MSSF79, Har77a]. **features** [RU76]. **Feenberg** [GS70b]. **Fehlerminimisierung** [KA76]. **Fermi** [Csa79a, GY75, Goo76, YG77, Bie75, Csa77b, Csa79b, DH76, GGJ75, Han70a, Han77a, HB79, KW76, Lun75, PN71, SKW72, SC73, WC75a]. **Fermi-like** [GGJ75]. **Fermion** [Col71, Col70, GH78, Per78]. **fermions** [Bow72]. **ferrimagnetic** [Fog71]. **ferroelectric** [CHHS74, HCIE75]. **ferromagnetism** [MCP73]. **ferrous** [LK78, RL79]. **Feshbach** [LKH77]. **few** [Per78]. **few-body** [Per78]. **Feynman** [CD71, NRS79, TG76]. **FH** [Lei74, ST72]. **Fibrous** [GK78]. **Field** [GÖ68, GÖJ$^+$73, Sla70a, AD77, Bal71, BKS79, BM73, Bow71, CE73, DS74, DLG79, Ell73, Gou73, Gra77, GL74, Hac74, Hal78, Har71c, HP77a, HDG71, Hor71, JL74, KKW73, KK74b, KK77c, LGP75, LG77, LG75, Nal78, Nir75, PS75a, RW74, SF76, Sch71a, Sch71b, Sol73, TGSL70, WN71, Wan79, Wol71]. **fields** [DL75, Gás71, LL73, MGM78, Nal78]. **Fifth** [Ano78d, Boy70b, BM71a]. **Fifth-rank** [Boy70b, BM71a]. **Filled** [Bee76]. **filling** [Kau79b]. **final** [Rou73, Tru76]. **Fine** [BK77]. **Finite** [HB79, BF70, Blo72, Blo73, ES79, Fae79, FW75, FU76, KE79]. **finite-difference** [FW75, FU76]. **First** [CH74, JBP76, Lip72, NRS79, Bun77, Cal74, Coo79, CH75, DGC77, Goł79, GL74, HS76, Lan73, LF77, Laz78, LZ79, MCST72, Moc74, NG73, RB77, ST72, SC73, Van71, Wel77b, Raf75]. **first-** [Moc74]. **First-Order** [JBP76, NRS79, Coo79, HS76, Lan73, LF77, Laz78, LZ79, SC73]. **first-principle** [CH75]. **First-principles** [CH74]. **first-row** [Cal74, DGC77, NG73, ST72, Raf75]. **five** [AMC73]. **five-** [AMC73]. **fixation** [NPL$^+$79]. **fixed** [KM74b, Loc77a]. **flexible** [DSMM79, LJBN75]. **Floating** [AM74, HP77b, RMB78, TL71, AF73, AM72a, ADDLG76, RR77]. **fluctuation** [Bra79b]. **fluorescence** [AZ72]. **fluoride** [AD77, Lei74, Sti78, VG78]. **fluorides** [PK77c]. **fluorinated** [KR73b]. **fluorine** [SDD72, WRF73]. **fluorine-containing** [WRF73]. **fluoro** [BL77c]. **fluoro-** [BL77c]. **fluoroacetic** [BL75]. **fluoronium** [Lei74]. **fluorosulphate** [HS70b]. **fluorouracil** [GJP79]. **fluorure** [Lei74]. **fluxional** [TB73]. **FNO** [HR79, MG77]. **Fock** [BR78, Bre73, Cli73, MBM73a, SS71a, SDS73, BSM72, BM73, BMM75, BEH77b, BK71, Bur72, Bur73, DSG74, FW75, Fro70, Fro74, GHS79, GMG75, GBM74, GRM75, HKM71, Ive74, Jam70, Jor73, JL70, JL74, Kar70a, KKA78, KM76, KT76, KBK72, KMO77, Lai73, LS70, LS71, LL75, Laz78, MHPS70, MN79, MLB73, May74b, Mcd79, Mes73b, MW74b, Mes78, Mes79, NN72, NN74, NS72, NS73, OKM74, PČL78, PS73, PS70, PKSB79, RS79, RGM77, SA77, SH73, SLB77, SDJ79, SDB74, SDB76, SB78, Spe71b, SP75d, SEW73, TTN76, Tru73a, Van70, Vog79]. **fold** [Lét74]. **folding** [PF79]. **follow** [BCR$^+$78]. **fonction** [BPTLVM73]. **fonctions** [eAJ76]. **fondamental** [BJ73]. **forbidden** [TH78]. **Force** [MGM78, CJCM73, KP71a, Nal78]. **forces** [Abd71a, AM77b, Brä70, Cla71, FY71, GK78, Jeh73, KKW73, Mal71a, Mal71b, Pie71, RM72, RM73, RMP71, WB76]. **forcing** [JSC78]. **form**

[Duf71, Gor71, Gor72, Hen77, JW78, RSS75]. **Formal** [Bra75, Bra79a]. **formaldehyde** [DRCT78, LED73, Tan74]. **formaldiminoxyl** [MMB70]. **formalism** [ADDLG76, ACD+74, Car74, CDEO76, Com77c, CE73, Feu77, GP74, GJLL75, GJ76, KP72, Min79, Mor75, Sac72, TC70, ZF76, ZF77]. **formalisms** [Mic76a]. **formally** [NG73]. **Formamide** [PK76b, LBÅF78, OSL77, OSL77]. **formation** [BB70, HČZ79, Kho79]. **forming** [Mor75]. **forms** [GPC+71, Kob78, KL79, LH76]. **formula** [CA78, JW78, MHRS76, Tyu75, Tyu78, WW71]. **formulae** [Har71a]. **Formulas** [BSG77, BSZ78, CM78, Gor71, Gor72, Har77a, Hos72, KE79, Spe71a]. **formulation** [Cli73, HS71, KPJM70, Lar79, Mat74a, Mat76b, Mat79a, MW74b, Nel79]. **formulations** [KC74]. **formycin** [SMP77]. **found** [ZBH+78]. **foundation** [CD71]. **Four** [NY75, HR79, HP77b, LH74, LPT+74, May74a, PK72, SR72b, Sey76, SHR76, SDS73]. **four-atomic** [PK72]. **Four-body** [NY75]. **four-center** [SR72b]. **four-electron** [HR79, HP77b, LH74, LPT+74, May74a, SDS73]. **Fourier** [AFD+78, GMZ73, GMG75, MH72, Sha71, Thu75, ZF76]. **Fourth** [WS79, KP78]. **Fourth-Order** [WS79, KP78]. **fractional** [KK77b]. **Fraga** [Ahl77a]. **fragment** [GG79c, GG79b]. **fragments** [CSM71, Chr73, Kau70a, OMC76, PCMS77]. **frame** [Jør78]. **framework** [ABM78, LW76, Loc77a, Loc77b, Loc77d, PD78a, WJ79]. **Franck** [Nis77]. **Free** [BTD79, Mat76b, MW77, MN79, SD79a, AB73, BL70, DMS+78, GPC+71, KPJM70, KC74, Lim74b, Lim75a, Lim76b, Lim77b, LB73a, MW74a, Mat72a, MF73, MSP73, MCP73, MPW75, MW75a, Mat76a, MWY77, MK78, SS73a, SS73b, SM73b]. **Free-electron** [BTD79]. **French** [BJ73, BPTLVM73, Gou73, JM76b, eAJ76, JJ78, LL72, Lei74, Loc72, Mar73a, TGSL70, TBB70]. **Frequency** [Hea71, RGM75, Ahl74, Bow71, BR72, Bre73]. **Frequency-dependent** [RGM75, Ahl74, Bre73]. **Friedrich** [Ano77m, Par77]. **frozen** [Lar75, Lar78a]. **frozen-K-shell** [Lar75]. **Fues** [SS71b]. **Fukui** [Cal77b]. **Full** [KKM70, Lar78a]. **Function** [LV71b, Ada73, BSS78, BKS79, BS75b, BPTLVM73, Bre75, CB72, ČP72, CSH74, CS72, DRCT78, De 76, Duf71, FMZ70, HSBD78, Jol79, KM74a, Kut78, LD71, LV72, LA76, Meh73b, Meh78, NS75, NRS79, PBPL78, Pau78, PGPP79, Rat71, Sch72, SB75, SD70, SDB76, SL70, WFS77, Sim77a]. **Function-Level** [Sim77a]. **functional** [BG75, Fin73, Gia73, GJLL75, GJ76, HS79, KS73a, PS75a, RSS75, SP75c, SJH79, SMW71, TB78]. **functionals** [HS79]. **functioning** [AMSS79, VGS79a]. **Functions** [Gal72b, Jai70, Aba72, Ada73, ANR75, Ada75a, AB73, Als73, ADFL71, Ban74, BA78, BN76, BDP73, BS71, Ben72, BSG77, BC79, BBA73, BG72, Bre73, Bur77, Cas78a, Cha77, CL78, CII79, DS74, DMM75, Eng72, Gal74, GN77, GM73a, GM73b, Gre71, GH72a, Gru70, GB72, GCJ73, HO73, HHR70, HKP79, Höj79a, Höj79b, Hur77, HR76, Jak76a, Jak76b, Jak76c, Jak76d, JTR77, JW78, Jor73, eAJ76, KC72, KC77, KK76c, LF77, Lau79, Lec76a, LTR74, Li76,

Lim76a, Loc77a, Lud75, Lud77, Meh73a, Meh73b, MDC79, Moc74, MK76b, MM72b, Mos73, MSM70, MBM71, Nal78, Ner75, Pau77, Pol79, Pop71, RWFS71, Rob71, Rob72b, RK76, Sab75a, SDD+77, SH73, Sch78, Sch72, SC76a, Sco74, Sha76, SS73a, SS73b, Sim72, SH75a, Sla70b, SC78b, SW77]. **functions** [SW78, SWP77, SSH78, Tan74, Tru72, Tru73a, Urr78, VB72, VF76, Wel76, Wel77b, Wit76, WV74, Mos73, Pos77]. **fundamental** [HPK79, Kau79b, Pul74]. **fundus** [JG74]. **Future** [Sla73a, Ost79].

G [Ano78c, Cal76a, Cal79b, Lar78c, Mår78, Sab75a, IMN79, Nam75]. **Galerkin** [Jan76]. **gallium** [Fog71]. **gap** [Bor74, Cal79c]. **garnet** [Fog71, Liu71b]. **gas** [BM74, BY76, ČZ79, Chr77, Csa77b, FBL79, Fla79, GOK79, LW77, LRJ73, LPT+74, MHW78, MS76b, NY75, RJ73, Sti78, TW77]. **gas-** [Sti78]. **gas-phase** [ČZ79]. **gas-solid** [FBL79, LW77]. **Gauge** [Hal73, Kob78]. **Gaussian** [AF73, ADDLG76, BBP71, BP74, BSG77, DPGC79, Euw71, GM73a, GM73b, Hal73, HS70a, HP77b, JP73, KC72, KC77, KSP78, Lec76b, Lo75, LA76, MEW70, Mat71a, Mat73a, Mat76c, MYTC77, NY76, OK75, PAM75, Pos77, Raf75, RR77, RMB78, RM72, RS78a, RS78b, RS78c, SBB79, SBM72, SC78b, TB74, TL71, Van74, Van70]. **Gaussian-Lobe** [RS78a, RS78b, RS78c]. **Gaussian-type** [Lec76b, Mat73a, Mat76c, NY76]. **Gaussians** [FHP70]. **Geminal** [SPČ72]. **geminals** [Lya78, LB73b]. **genealogical** [GTG76]. **General** [ADDLG76, KSP78, Gar74, Hac74, Jak76a, JG72, JNŽ72, KR73a, Kau74b, Kib75b, PW74a, Rob72b, SP75a, ACD+74, BSZ78, BS78c, Car74, Kle77, Lar79, NI70a, Rob72b]. **Generalization** [GHS79, KS73b, SL79, DSG74, Ste77]. **Generalized** [CGRC74, Car72, Hal78, Hal79b, Joh70, LG70, RT77, RK76, Sch76a, Suz77, Ahl77b, CW76, FM79, LA70, LWA74, Lev78b, MW74b, Pet77, PNC+78, RC70, RC71, RC72, SB75, SL70, Tyu75, Tyu78, Van74, WAL71, Woo72, SC76a]. **Generalized-molecular-orbital** [Hal78]. **generated** [BW76a, HKP79]. **Generating** [Wit76]. **Generation** [GTG76, BL77a]. **generator** [LV78]. **generators** [Lar75, PW79, WP79]. **genetic** [Coo78a, Coo78b, FM79]. **Geometric** [BB71, HTG77b, Laz79, Har77b, HTG77a]. **géométrie** [TBB70]. **geometries** [ZR78, ZBH+78]. **Geometry** [Har79a, JŽ79b, AF73, AMSS79, BSZ78, CD71, CLP79a, CLP79b, FWFM77, JR74, LK78, TBB70]. **gerichteter** [BKW75]. **German** [Ahl70, BKW75, FJP70, HG75, KBA76, KA76, PTUK69, Sch73b]. **giant** [Cal79a, Jul78]. **Given** [GÖ68, GÖJ+73, KMLB77, May78]. **GIy** [VU79]. **Glauber** [GLS79]. **globular** [MME79]. **Gly** [BWRD79, CBV79, RSK+78]. **Gly-Pro-Pro** [CBV79]. **glycine** [DEC78, RRNS75, RRS75, RC78]. **Glycosyl** [SY77]. **glyoxal** [DEC78, DAP79, ED79, LDP79, OSL77]. **glyoxalase** [SWF79]. **glyoxals** [Abd76]. **glyoxylase** [LP79b]. **Goldstone** [LH76]. **Gordan** [KG76, KG77]. **Goscinski** [Shu77b]. **Gradient** [Gar74, CE73, LGP75]. **gradients** [RPK78]. **Graph** [Ran78, RW79, Sha77b, Ran79]. **Graph-theoretical** [Ran78]. **graphical**

[APČ77, LH74, Lar78b, PAČ77, PW79]. **graphs** [Ran79]. **green** [CSH74, BSS78, BKS79, BBA73, ČP72, HR76, LD71, LF77, Lau79, MHRS76, MHRS77, Ner75, PBPL78, Rat71, Sco74, VB72, WFS77]. **Ground** [Bra79b, ÖL78, SDS73, Spe72a, ADFL71, BWS77, BJ73, BS70, BP75b, Bun77, Cal72, Cal74, DRCT78, Fro75, GL74, Ive74, Koł74, KÖ71, Kut78, LH74, Lar78a, Lec76a, Lec76b, Lin77, LG75, Man77, MCST72, Mul71a, ÖL79a, PS70, RB77, RS79, Ros78b, SK71, SK72, SMB$^+$79, SH75a, Sin73b, SD70, SDB74, Tan74, Tat76, WK73, WRS70, Wil77b, WB73, Hal79b]. **ground-state** [Ive74, Sin73b, WB73]. **Group** [BDT77, CSFM72, Hur77, KR76, MCF$^+$70, MCM73, TB75, BTD79, BF70, Boy72b, Boy72c, Cor72, ES73a, FMZ70, JS70, Kle70b, LP74a, Mat74a, Mat76b, Mat79a, Meh73b, Meh78, MM77b, Nel79, Nov73, Oda73, Pal75, PW79, PTUK69, PS79b, Rei72b, SDD$^+$77, Sha77b, Sha78b, ST73, TP77b, WP79]. **group-function** [Meh73b]. **Group-theoretical** [CSFM72, MCF$^+$70]. **Groups** [Gal72a, Blo72, Blo73, BW76b, But76, BW76c, Flu72, Gal74, GP72, KG76, KG77, KE79, KK77b, LP79c, Lét74, Lim77b, Ros78a, SAM79, Sin73c, SS73c, SLOKP79]. **growing** [Lak76]. **growth** [BC75, MDA78]. **gruppen** [Wyb73b]. **Gruppentheorie** [Cal73a, PTUK69]. **guanine** [HPK79, KD77, LPP78, PLYM78, PZP79, ZBH$^+$78]. **GVB** [PNC$^+$78]. **Györgyi** [Lak76]. **Gyrotropique** [DQ77].

H [Bur77, DY73, GG79a, HG75, HLYC77, JŻ79a, KP71a, Koc74, Lar76, LB79a, RR77, RW75, RKOU77, Sab75a, Sla71b, TG76, SY77, ÅSW77, Abd71a, Ada78, Ada73, Ada77, AM72a, AM74, AM77b, And79, BB74, BC79, BDT77, CJ73a, CJ73b, Doo78, EH73, FMZ70, GGJ77, HNT78, HG75, HP77b, JTR77, JE79, JP77, KR71, Kat72, KSP78, Koc74, Kut78, Lec76a, Lec76b, LTR74, LG77, Liu71a, LGR73, MS71b, MM72a, MG77, OSL77, RW75, RS79, ST72, SHR76, Spe72a, SW77, TS77, TBB70, TG76, Tru72, Tru73b, Tru73a, TS72, WB73, You75, TBB70]. **H-like** [AM72a, AM74]. **haemoglobin** [Har71a]. **Hafner** [Lar76]. **Half** [SDS73, SDB74, SB78, SDB76]. **Half-Projected** [SDS73, SDB74, SB78, SDB76]. **halide** [Fla79, Moh79]. **halides** [BB72c, CKD73, JM76b, LVDC74, LRJ73, LPT$^+$74]. **Halkjaer** [ÖL79b]. **Hall** [Cal76a]. **halogenated** [DBBJ76]. **halogens** [Hal75b]. **Halogénures** [JM76b]. **HAM** [ÅFL78, LBÅF78]. **Hameka** [Lar76]. **Hamilton** [TL72]. **Hamiltonian** [AC76, Abs78, CK74, DD72, Feu77, HL78a, Jør77, KS72, KK77d, MLM75, MMM75, WJC70]. **Hamiltonians** [BW76a, Bra75, Bra79a, CS78, Han70b, Rei72a, Sac72, Wes73, Wes79]. **Hammerstein** [PW74b, PW74a]. **Handbook** [FKS76, Atk74, Atk91, Gos78b, Ahl77a]. **handed** [SY77]. **handedness** [DS79, SY77]. **hard** [GH72a, Wei76]. **hard-sphere** [GH72a, Wei76]. **hardcover** [Gos78b]. **harmonic** [Bas78, DR77, Hun74, RB75a, WO75, ST79a]. **harmonics** [KOW77, Sch77b, SR72c, SF75]. **Hartree** [BR78, Har78, Jam70, Jor73, KKA78, KMO77, PS70, SDS73, BBK76, BSM72,

BM73, BMM75, BEH77b, BK71, Bre73, Bur72, Bur73, Cli73, DSG74, FW75, Fro70, Fro74, GHS79, GMG75, GBM74, GRM75, HKM71, Ive74, JL70, JL74, Kar70a, KM76, KT76, KBK72, Lai73, LS70, LS71, LL75, Laz78, Lim74b, Lim75a, Lim75b, Lim76b, Lim77b, MHPS70, MN79, MLB73, May74b, Mcd79, MBM73a, Mes73b, MW74b, Mes78, Mes79, NN72, NN74, NS72, NS73, OKM74, PČL78, PS73, PKSB79, RS79, RGM77, SA77, SH73, SLB77, SDJ79, SS71a, SDB74, SDB76, SB78, Spe71b, SP75d, SEW73, TTN76, Tru73a, Van70, Vog79]. **Hartree-like** [Har78]. **having** [Lét74, SP75b]. **HBeCH** [RMB78]. **HBF** [TB74]. **HCl** [PK76b]. **HCO** [TB74]. **He*** [RM79]. **He-like** [BS71]. **He-sequence** [MMS70]. **heats** [GTBB77, GBT79]. **heavier** [HLGC73]. **heavy** [AZ72, LZ77, MFRE76, PK77c]. **HeH** [AM77a, BB70, Hop78, JP77, Koł76, SW78]. **HeHe** [DMR74]. **Heidelberg** [Cal77b]. **Heisenberg** [GbK77a, SHI73, SK73, SL70]. **Heitler** [Aba72, Ada77, Ano77-28, LP74a, LP74b, Wil77a]. **Heitler-London** [Ada77, LP74a, LP74b, Wil77a]. **held** [BP70, BP71, BP72, BP73, Pul78b, Sti79]. **helical** [IZZ$^+$79, KP79a, SY77, Urr78, VU79]. **helices** [VBC78]. **Helium** [BG70, LP74c, AC70, BK74, CL78, DD71, HG78, LA70, MCW78, SK71, SK72, SE79, Spe70, Tat76, WAL71, YD75, Pel77]. **heliumlike** [Lin70]. **helix** [CC79, DS79, Meh79, PPP79, Por77, Por78, PZP79, SY77]. **helix-coil** [Por78]. **Hellmann** [CD71, NRS79, PF74, TG76]. **Hellmann-type** [PF74]. **Helmholtz** [SF75]. **Heme** [DAC$^+$79, Eis76, Eis77, LK78]. **hemoglobin** [Sal72]. **Hemoproteins** [MSSF79, KN79]. **HeNe** [SBD$^+$70]. **Herman** [HC72]. **Hermitian** [Gou73, Han75, Hen77]. **hermitien** [Gou73]. **heteroatoms** [SN79, SG77a]. **heterocycles** [KRKŠ78, Rou73, Rou74]. **heterocyclic** [BP70]. **heterogeneous** [Sal79]. **Heteronuclear** [AM77a, Tyu78]. **heteroorganic** [Hil79]. **Heuristic** [HSBD78]. **HF** [BS74a, BS76a, HR79, LZ79, LS74b, Meh78, PK76b, TS77]. **HFS** [HC72]. **HgI** [HLGC73]. **High** [Mal71a, Mal71b, KTO$^+$78, Lib76, Sch76b]. **high-spin** [KTO$^+$78]. **higher** [RB75b, SB75, GbK77a]. **highest** [FG79]. **Highly** [Hen78, KHI79, SC76a]. **Hilbert** [Lan77]. **Hill** [Lin73]. **hindered** [DMS$^+$78]. **Hirschfelder** [CJS77]. **histamine** [MHH74]. **HKS** [Har79b]. **HL** [CSFM72, FM72]. **HNO** [HR79]. **Hoffmann** [Mat76a]. **hole** [BFS73, BK74, Csa75, LD71, LH74, Lar75, Lar78b, MWY77, Rat71, Wen79]. **holes** [Csa78a, Res78]. **Holland** [Sti79]. **homogène** [Mar73a]. **homogeneous** [Mar73a]. **homonuclear** [vDR79, Tyu75]. **homopolymers** [FB72]. **homopolynucleotides** [SL73]. **honour** [Cal75b]. **hopping** [Fro79]. **hormone** [MDA78]. **Hovi** [Cal75b]. **HP** [LL72]. **Hubbard** [FN73, Mat76a]. **Hückel** [Mat76a, AM72b, Als73, Ano77l, BRS$^+$75, CFHS77, EB74, Han79, KPKC73, Par77, SDM74, SS74, Tri77]. **Hulthén** [Cha77, GB72]. **human** [Har75, WLS77]. **Humanities** [Cal73b]. **Hund** [Ano77m, Par77]. **Hurley** [Com77a, Com77b]. **HY** [SH75a, SHR76]. **Hybrid** [Lec76b, Loh76, DF76, Eng72, MI78, Pol70, Sil71]. **Hybridization** [Ran74, AAC76]. **hydration** [LCPP79, LDP79, PP74, PA74]. **hydrazines**

[GPC+71]. **hydrazyl** [GPC+71]. **hydride** [Bur72, DCS77, MVN75, SDB74]. **hydrides** [DGC77, DSC+77, KC77, NG73, PK77a, PK77c, Swi71]. **hydrocarbon** [GBTB78, Her74, KT76, NN72, GG79c]. **hydrocarbons** [BOP76, BK71, ČPH74, DBBJ76, DEE+75, GBT79, LP79a, Mak71, Mem77, Mem79, Muk74, NMS77, NS78, PČH74, PD77, Pul79a, SG77a, SR78, TP78, TTN76, TSE76, UP71]. **hydrodynamic** [SE79]. **Hydrogen** [ACG74, BL75, BK75b, PPI73, YR76, AM74, AM72b, Bai74, BRS+75, Bas78, BS75c, BFH74, Cho79, Coo79, CSH74, Cur77, DBBJ76, DMS+78, Dea72, GZ72a, GZ72b, GGCK79, HKM71, Koł74, Koł75, KMO77, KGB76, Lei74, Lib76, LS72, Loc77c, LS79, Mal71a, Meh79, MO77, MS76b, Nir75, OKM74, OK75, Pie71, PDE79, PGPP79, Rei76, Rit76, Sab71, Sch77c, SLC78, Sti78, SH74, TP77a, Wel77a, Wil77a, Wój76, Woj78, Woo72, Zer74, CP70, GGCK79]. **hydrogen-bond** [DMS+78]. **hydrogen-bonded** [BS75c, Cho79]. **Hydrogen-like** [PPI73]. **hydrogen-molecule** [BRS+75, MS76b]. **hydrogenic** [JP73, Lau79, WG74]. **hydronium** [MS71b]. **hydroquinone** [SP71]. **hydroxyapatite** [WRF73]. **hydroxyindole** [WO77]. **hydroxyl** [MK72, WRF73]. **hydroxylation** [PL79]. **hydroxymethylcarbonium** [TWC73]. **Hylleraas** [BS71, CL78, Jol79]. **Hylleraas-type** [BS71, CL78]. **Hyper** [LS71, BSM72, LS70]. **Hyper-Hartree** [LS71, LS70]. **hyper-polarizabilities** [BSM72]. **hypercycle** [Eig78]. **hyperfine** [BNLS72, IMN79, LL75, Lun79, Men71, NN72, NN74, PPI73, TB74]. **hypersurface** [HG75]. **hypervalent** [ST72]. **hypervirial** [Cas78a, Gop76, ST79a]. **hypervirial-scaling** [Cas78a]. **hypochromic** [Vol79]. **hypothesis** [HS71]. **hypothetical** [PS70].

I. [KA76]. **Icosahedral** [BO73, Boy72a, BS74b]. **ideal** [SKL79]. **ideas** [Tho75a]. **idempotent** [Hen78]. **idempotents** [Sch71a]. **Identification** [DSMM79]. **identity** [Lat77]. **IETS** [Feu77, Feu77]. **II** [Har77a, KD77, MSSF79, RRS75, Abs78, APČ77, AM77a, AB79, Bar79, Blo73, But76, CW78, CD78, CSFM72, CSR79, Coo78b, CH75, DSC+77, DMR74, Dmi75b, DDD70, Fau76, GZ72b, GL74, HH77, HS79, HR79, Höj79b, Jak76b, KC73, KG77, KBA76, KOW78, LZ79, LP74b, MMB70, Mal71b, MM74, May74b, MK75b, MHRS76, MVN75, NI70b, NS73, PČH74, PW79, PHL+76, Pet77, Pos79, PS75a, Ran79, RC71, Rob72b, Røe73, RS78b, Sch71c, SG77a, SPČ72, SDM74, SS73b, SH75a, SDB74, SCYB77, Spe71b, SC73, ST78, Tyu78, Wel77b, WAL71]. **III** [AM72b, Ave79c, Ave79a, BB72c, BW76c, ČP71, Dau74, DH78, FB72, Gás71, Har70a, Har79a, Jak76c, Kun78b, LBÅF78, LG75, MW74a, MK75a, MHRS77, Mcd79, MCM73, MLB72, MDS75, PP74, RC72, RS78c, SP75c, Sch71d, Spe72a, Spe73, ST79b]. **imaginary** [BR72]. **imidazole** [KRKŠ78]. **imidazolium** [WO77]. **imino** [ZR78, ZBH+78]. **imino-enol** [ZBH+78]. **immunity** [Ram78]. **Impact** [Wil77a, BK76, PS79b]. **impacting** [HG78]. **Implications** [KKK70, Kob78, Cho79, Van75]. **Importance** [EH73, BP78, CW77, JM76a, RR72]. **improve** [Kau74b]. **Improved**

[Jol79, KS75, Moh79, Vog79, PF74, RDH79]. **improvements** [ESR74, Sla74]. **improves** [Ram78]. **impurities** [JVM78]. **Impurity** [Fan70, Ada72a, AD77, BHLM78, CD78, Csa76, Csa77a, Csa78b, DT72, KGP79, MCM73, SLC78]. **inadequacy** [Cla71, Feu77]. **incluant** [JM76b]. **including** [FGV77, JŻ79a, KK74a, SBM70, SSH78]. **incoherent** [BK76]. **incomplete** [Mcd79]. **Incompletely** [Kun78a, KOW78, Kun78b]. **incorporating** [PBS76]. **Increased** [Har71a]. **Increased-valence** [Har71a]. **increases** [MK76a]. **independence** [KB77]. **Independent** [Meh73a, Coo74, GGJ75, GK76, Lud75, Man77, Sol73, TGG79]. **independent-particle** [GK76, TGG79]. **indicate** [Kau79b]. **indices** [SS78b]. **indirect** [Cal79c]. **INDO** [BL77c, FGV77, Kau70b, KP71a, KP72, KPKC73]. **indoleacetic** [BC75]. **Indolealkylamines** [WCK+76]. **induced** [BC76, INY+71, Lar73]. **inelastic** [Feu77, MM72a]. **Inequalities** [GH78, Gol73]. **infection** [Ram78]. **infinite** [DDH78, MCP73, PD78a, Res78, RT77]. **infinitesimal** [Han70b]. **Influence** [FSV79, eAJ76, MGT79, NT79, BKW75, Sal72, SP77, eAJ76]. **influences** [Kau79a, NG73]. **Information** [Ber76, HL78a, Lar73]. **Information-theoretic** [Ber76]. **infrared** [Wój76, Woj78]. **Inhibition** [SWF79]. **inhibitor** [MDA78]. **inhibitors** [SS74]. **inhibitory** [Gab76]. **inhomogeneous** [GOK79]. **initial** [GPC+71]. **initio** [Alm74, Bai74, BP74, BP75a, BCR+78, BVR78, ČZ79, Chr73, Cla70, CDEO76, Cur77, DCM74, DMR74, Dau74, DEE+75, ED74, FBL79, GG79a, GG79c, GG79b, GV77, GCP79, HO73, Hac74, Hal73, HKP79, HPK79, HSBD78, HS70a, HS70b, HL78b, JŻ79a, JR74, Joh75, KR71, KTO+78, KPKC73, Kau73, Kau74b, KPP77, KPP78a, KPPH78, KPP78b, Kau79b, Koc74, KPD78, KP79b, LSOC77, LS74b, Meh79, MDC79, OMC76, OSL77, PCMS77, PT75, PPK78, PN76, PK71, PK75, PK76a, PK77b, PP74, PGPP79, PLMB73, PK73, Pul74, PA74, PBG76, PB77, PPB78, RTS74, RWFS71, RBDV77, RL79, Rou74, Sab75a, Sel75, SDJ79, SLC78, Spa78, TRS73, TS77, TS78, TS79, TB74, Tru73a, WJ79, ZSR79, BS75c, LD73, MBM73b, Tru73b]. **injection** [VH75]. **Inner** [GB71, Löw71a, Ahl77b, BÖ78, GBT79, GBL+73, Löw70]. **inorganic** [MS76a]. **insertion** [JŻ79a]. **instabilities** [FMRG75, TTN76]. **Instability** [Mes79, Mes78, NS78, SN79]. **Instrument** [WBKL70]. **insulating** [Lip72]. **insulator** [DD77b]. **insulator-to-metal** [DD77b]. **insulators** [Bra76]. **Integral** [Ban74, BL77b, Kas76, TG76, BS75b, GCJ73, JW76, KT77, Lan74, PGQ77, PK75, PW74b, PW74a, RSS75, Rou79, San72, Tat73]. **Integrals** [Ave79b, AB79, Ave79a, BH71, GMZ73, Mos73, RB75a, Thu75, TL79, Abs72, AT75, Ave79c, BL77a, BBP71, Bil72, CHS77, Che71, Cof74a, Eng72, Gru70, HLGC73, Jet73, Kar70a, KZ73, KM74b, Lo75, LA76, MM74, Mat71a, Mat73a, Mat76c, PAM75, PPI73, RW74, SHI73, SR72b, Sha76, Sil71, SWN78, ST70, SR72c, SP77, Van74, GM73b]. **integrated** [Bow71]. **integration** [BEH77a, DD72, Hur77]. **intense** [Sch71b]. **intensities** [BL77c, MS71c, Sch76b, Sve79, WJ79]. **intensity** [BS71]. **Inter** [JS70].

Inter-level [JS70]. **interacting** [CS72, DT72, DDD70, GHS79, Mal71a, Meh78]. **Interaction** [BB74, Bas78, CC79, DEC78, Höl77, RM74, Sas74, SO77, TTS+79, TL79, Abd77, AMJS79, ACK+75, BS77b, BS78a, BP74, BK75c, BR72, BS78c, CJS77, Cha71, ČPH74, Cof74b, Dah78, DD72, Dav77b, DMS+78, Dea72, DY73, DAP79, ESR74, ED79, FY79, Fro70, GHS79, HB79, HSBD78, HPK72, JMM71, JSC78, JSK75b, Kap79, Kau74b, Kau79b, KL77b, Kob78, Koł74, Koł75, Koł76, KD77, KKM70, KKK79, LED73, LD74, LL75, LB79b, LSB+79, MCP73, MCF+70, MSSF79, Moh79, NY76, OK75, PW79, PSK77, RSR72, Røe75, SD79a, Sas77, SRP76, SRP77, SDJ79, SE79, SBM72, SR78, SDB76, SS77a, TS71, TH78, Tru73b, Wei76, WV74, WP79, YW73, You75, Mal71b]. **Interactions** [BKW75, KL73, SKS77, TBB70, Abd76, AFD+78, BRS+75, BB72a, BB72b, BP75a, CW78, CW77, DY73, DY76, Dun78, FL79, GJP79, GCP79, Höl77, KM76, Kle70a, KMT77, KR78, KPP78c, LB79b, Lim74a, LW76, Loc77a, Loc77d, LRJ73, MME79, MGT79, MHRS76, MHRS77, MP75, MS76b, OCRMLR+71, PLYM78, PD78a, PDEB78, Pol79, PBG76, PGDM77, Pul78a, RKE79, RM73, SRE+79, SC78a, SBM70, Sun74b, Sun75b, ST78, ST79b, Suz77, VGS79a, VGS79b, Wei75, WO77, Wes73, WMV77, Ano76e]. **interative** [HR76]. **Interatomic** [RMP71, DY76, FY71, GK78, Kle70a]. **intercalation** [PL77]. **interest** [KG76, KG77, Mos73, Ran79]. **interface** [FBL79]. **interfaces** [Joh77, PBPL78]. **interference** [HLMV77]. **Interfragment** [VGS79b]. **interhalogen** [SM73a]. **Intermediate** [Rei72a, Ste74, BL79, BKW75, CL76, GLS79, Koł74, Koł75, Koł76, KK74b, Sac72]. **intermediate-energy** [CL76]. **intermediate-field** [KK74b]. **intermediate-range** [Koł74, Koł75, Koł76]. **intermediates** [Tho76, TPC77]. **intermetallic** [Gin78, PN71]. **Intermolecular** [Aro78, BB72a, Cho79, GCP79, MME79, MS76b, Pul78a, AM77b, BB72b, Brä70, Cla71, DCM74, DMR74, Dau74, FL79, HSBD78, Jeh73, Kap79, Kle70a, KR78, LW76, Loc77a, Loc77d, MGT79, Pol79, PGDM77, RKE79, RM72, RM73, SC78a, WB76, Dun78]. **Internal** [Bor71, GP72, MEW70, TBB70, WC75b]. **International** [Cal76b, BP70, BP71, BP72, BP73, Pul79b, Ede70]. **interne** [TBB70]. **internuclear** [CODM77, GZ72b, Mul74, Zer74]. **Interpolation** [Thu75, Sha71]. **Interpretation** [LBÅF78, DBJ74, Feu77, INY+71, JJ78, Kot76, Woj78, JJ78, BEF78]. **Interpretative** [SLM70]. **Interrelations** [AMSS79, HYL78]. **Interscience** [Cal75c, Gos78a]. **intramolecular** [Bri73, LRD+77, LRD+78, Pol79, Rat78]. **intrinsically** [BMD70]. **Introduction** [Ano78e, Chr79b, Hur76b, Löw71b, Löw78, Sla71b, Sla73b, Bar78, JW76, Com77b]. **Introductory** [Nau77, Nau78, Wij78]. **Invariance** [SP79, FGV77, Kob78, NN77]. **Invariant** [CA72, Hal73]. **invariants** [BM71a]. **inverse** [Ste77]. **inverses** [Ra76a]. **inversion** [SKW72, SMMA73]. **Investigation** [Csa77a, ÅSW77, Coo78a, Ema74, KJ75, LÖS73, LAM71, MP71a, MPN79, MM72a, SLOKP79, UP71, VBC78]. **investigations** [TPC77]. **involvement**

[WLS77]. **involving** [Ald75, DY73, RM73, Wel77a]. **Ion** [GRB74, CJ73a, CSH74, GZ72a, GZ72b, GGCK79, Goo76, HS70a, INI71, JS71, KKK70, KP71a, KSP78, Koł76, KD77, KD79b, LH74, Lar75, Lar78a, Lar78b, Lei74, LS79, MFRE76, MBM73b, PK71, RR77, Sun74b, Sun75b, Tal77, TWC73, Urr75, Woo72, Zer74, CJ73b, DT75, ST78]. **ion-molecule** [PK71]. **ionic** [Cal75a, GPC$^+$71, Höl77, RKE79, SM76b, SM76a]. **Ionization** [Hun75b, Mey71, ÅSW77, CSDV78, Con72, Gos75, Hal79b, HLGC73, HYL78, MVN75, MK72, Ner75, PT78, PK77c, PÖ77, RM79, SMH77, SG77a, TS79, DH78, Jak76d, MDS75, TS78]. **ionizations** [Ner76]. **ionized** [KTO$^+$78, PLMB73]. **ions** [AMJS79, BFS73, BT78a, Bar79, BS71, BM73, Cal73c, Cal74, Col79, CS74, Csa75, Csa76, Csa77a, Csa77b, Csa78b, Csa79a, Fro79, GGJ75, Joh75, KR71, Lin70, MHW78, MMS70, MM72b, PA74, PBG76, RW74, RGM77, Sim77b, SS71a, Tal77]. **IRDO** [BKW75]. **iron** [Fog71, Han79, JS70, Liu71b]. **Irradiation** [BC76]. **irrational** [Sur71]. **Irreducible** [KK74b, KK77c, BF70, Blo72, Blo73, BO73, BS74b, Sol73]. **irregular** [SR72c]. **isethionic** [CS74]. **isocyanate** [Mof79]. **Isocyanide** [Mof79]. **isocytosine** [CLP79b]. **Isoelectronic** [BG70, AC70, AS78, BK74, BG72, Mar73a, PD78b, SK71, SK72, SA77, TTS71, Tat73, Jak76b]. **isoélectronique** [Mar73a]. **isolated** [Dmi75a, NJF$^+$77]. **isomer** [GML77, Kot76]. **isomeric** [JE79]. **isomerism** [Sla79]. **isomerization** [BBG79, GP78, Mat78, Mof79]. **isomers** [Mof79, PLMB73]. **isopotential** [NS79a]. **isotopic** [Hal71]. **isotropic** [BM71a, Mal71b, TB74]. **isovalent** [AAC76]. **Israel** [Pul78b, Sti79]. **iteration** [BEH77b, Gia73]. **iterations** [KÖ71]. **Iterative** [Cas78a, JW76, AM72b, Als73, BEH77a, Goł79, TRPB77]. **IUCHF** [Vog79]. **IV** [BL77c, CP70, CT77, Hir70, Hos72, Jak76d, LCPP79, May78, PK77a, RTM77, Sch71e, SHR76]. **IX** [KPPH78, TS78].

J [Cal73a, Cal79b, Cal75c, Gos78a, RKOU77, Shu77b, Sla71b, Mak71]. **J.-L** [Shu77b]. **Jacobi** [TL72]. **Jahn** [MSSF79, Ham71, INI71]. **Jansen** [Suz77]. **January** [Sla71b, Sla73b]. **Jeremy** [Ano76n, Cus75]. **Jersey** [Cal76a]. **Jerusalem** [BP70, BP71, BP72, BP73, Cal73b, Pul78b, Sti79]. **John** [Cal79b, Cal75c, Dun78, Lin73, Shu77a]. **Johnson** [LB79a]. **Julg** [Cal79a]. **June** [Cal76b, Mar73b]. **justification** [Nov73].

K-shell [CV73, Lar78a]. **K.** [LB79a]. **Karger** [Cal76b]. **Karwowski** [Ahl77a]. **Kashiwagi** [Ste77]. **Kenichi** [Cal77b]. **ket** [Mor75]. **kets** [Kle74a]. **keV** [BW73]. **kind** [Lau79]. **kinetic** [Han77a, Nal78, TB78]. **Kinked** [VBC78]. **KNiF** [WN71]. **Knight** [DV79]. **Kondo** [JVM78]. **Konvergenz** [Ahl70]. **Koopmans** [Chi77, CT77, MDS75]. **Kr** [ES70]. **Kramers** [BMD70, Bow71]. **KrF** [SD78]. **Kronecker** [Lét74]. **Kronig** [RT77, WO76]. **krypton** [Bor74].

L [Cal75c, Sab75a, Shu77b, RRS75, AJK78, BP75a, Fae79, Mem77]. **l-alanine** [RRS75]. **L-region** [Mem77]. **L-shell** [Fae79]. **L-Thyroxine**

[AJK78]. **LaB** [ACK+75]. **Lactam** [Boy77]. **ladder** [HBB77]. **Ladungsverteilungen** [BKW75]. **Laguerre** [Mos73]. **Landau** [Csa78a]. **lanthanide** [NTN+79]. **lanthanide-substituted** [NTN+79]. **Laplace** [MKF77, SF75]. **Laplace-type** [SF75]. **Large** [ACK+75, CSM71, Chr73, DM72, DEE+75, Duk79, Hat75, KHI79, KPP77, NS79a, OMC76, PLYM78, PCMS77, PK75, Ra76a, RSR72, Rob72a, Sas77, Tin79, WCK+76]. **laser** [DLG79, WS75, WLS77]. **laser-Raman** [WS75, WLS77]. **laserlike** [ESG79]. **lasers** [Fla79, MHWC78]. **Latin** [BP79]. **Lattice** [Enz73, MHRS76, MHRS77, OCRMLR+71, CJCM73, CS72, KOW78, Kun78b, SP75c, Sch71e, SP75d, SEW73, TTN76]. **LCAO** [Abs72, Kau70b, LS74b, ADFL71, BR78, BDP73, BBL72, BBL77, Bil72, Del73, Del74, DCS77, FTN77, KS73a, Kar70a, KT77, KTO+78, LSOC77, LAV72, Min79, NI70a, NI70b, PPK78, PD78a, PK76a, PK77b, SLC78, Spe72a, Spe73, SW78, Vla70]. **LCAO-calculations** [FTN77]. **LCAO-CO** [PD78a]. **LCAO-MO** [SLC78, SW78]. **LCAO-MO-SCF** [PK77b]. **LCAO-X** [DCS77]. **LDH** [BC76]. **LDH-pyruvate** [BC76]. **lead** [YR76]. **learn** [Fri72]. **least** [Ada73, BT71, HS75]. **least-squares** [HS75]. **Lebenslauf** [Ano77m]. **Lecture** [Cal79a]. **left** [SY77]. **left-and** [SY77]. **length** [Kob78, Sin73a, TTN76]. **lente** [BP79]. **Lenz** [Loh76]. **Leu** [BWRD79]. **leur** [Mar73a, TBB70]. **Level** [BF78, HU74, SH73, JS70, Sim77a]. **Level-dependent** [HU74]. **levels** [CH74, CH75, Csa78a, Dmi75a, HP77a, San71, TDB77, Wen79, WM79]. **Levi** [Ran79]. **Levy** [RCE79]. **Lewis** [LL72]. **Li** [Bar79, BS70, BS76b, Fro75, GS70a, Jak76b, KP71a, LL75, LE72, MM72b, MDS75, RM74, RS79, SP75d, SBD+70, ZL78]. **Li-like** [Bar79]. **liaison** [JJ78]. **Liapunov** [SB75]. **LiCH** [RMB78]. **Lie** [Wyb73a]. **LiF** [Pai71, SBD+70, ZF77]. **life** [Con73, SG76b]. **lifetimes** [BNLS72, BOP76, HE77, Naz72]. **ligand** [Bal71, Han79, LB79b, PBG76, PGDM77, SF76, Sch71a, Van72, WN71, LK78, PD79]. **ligands** [AMSS79]. **Light** [Sch76b, Sch71c, TS71]. **LiH** [BS74a, BS76a, BS76b, HH77, LG77, MM70]. **like** [AM72a, AM74, Bar79, BS71, GGJ75, Har78, PPI73, YD75]. **limit** [Kat72, OKM74, Ra76a]. **Limitations** [CAA+75]. **limited** [APČ77, ČPH74, KMLB77, NRS79, PAČ77, WJ79]. **limits** [Wei71]. **Linda** [ÖL79b]. **Linderberg** [Shu77b, KSS73]. **line** [BMD70, Fog71, HMV77, HMV78, Kot76, WEH74]. **linéaire** [TGSL70]. **Linear** [Han77a, BBA73, BBT71, Com77c, DN75, GbK77a, Hur77, KB77, KL73, LR77, Liu71a, Nor75, Sol71, TK78, TGSL70, KA76]. **Lineare** [KA76]. **linearly** [Sol73]. **linkage** [Boy74, Har77a]. **linked** [LH76, Man77, SMP77]. **linked-cluster** [LH76]. **linked-diagram** [Man77]. **LiNO** [HR79]. **Linus** [Ano78f, Ano78u, Eyr78]. **LiOH** [NS79b]. **LiON** [HR79]. **lipophilicity** [Tic79]. **lipoprotein** [Har75]. **liquid** [Col79, HK74, DV79, Kho79, Nir75]. **liquid-** [DV79]. **lithium** [AS78, Bur72, CS73, RB77, Rei72a, SA77, SC73, Spe73, SDB74]. **little**

[Gia73]. **living** [MBMM79, SGM78]. **Lobe** [Pos77, RS78c, Rou78, SC78b, RS78a, RS78b, RS78c]. **Local** [CKI75, Ive74, SMW71, ZF77, EH73, GSE78, HS75, HK74, JTR77, MR73, Sco71, TW77, ZF76, LB73b, PS75a]. **local-mode** [GSE78]. **Localization** [SPČ72, BO79, Eng71, LB77, Lud71, RC72, Wen79]. **Localized** [De 78, GH72b, SS77b, Car75, Cof74b, DGC77, DSC$^+$77, DD72, DS70b, Del73, DC75, GbK77a, GC77, Kau74b, Kle77, KGB77, LAV72, Lin71, Lud77, MMB70, MI78, Pol70, RPK78, SS77a, SK79]. **localized-site** [GbK77a, Kle77, KGB77]. **logarithmic** [PW74a]. **loge** [ACD$^+$74, Lud71, Lud77, MDC79, SDD$^+$77]. **London** [Com77a, Com77b, Lar76, Lin73, Mår78, Sab75a, Shu77a, Aba72, Ada77, LP74a, LP74b, Mal71a, Mal71b, Moh78, Wil77a]. **lone** [BKW75, DSC$^+$77, Kau74b]. **Long** [AFD$^+$78, DY73, Kle79, Koł74, Koł75, Koł76, SBM72, Abd71a, Cha71, Dea72, FY71, GPP73, KP71a, KL73, MOV75, PD78a, SZ76, Ukr72, WMV77]. **Long-** [Koł74, Koł75, Koł76]. **Long-range** [AFD$^+$78, DY73, Kle79, Cha71, Dea72, FY71, GPP73, PD78a, SZ76]. **longitudinal** [HDG71]. **look** [Tho75a]. **Low** [Hen79, AMJS79, ACK$^+$75, Boy70a, ČPH74, DM72, GLS79, Han75, KTO$^+$78, KGP79, MSSF79, PČH74, PCMS77, Tan74]. **Low-energy-electron** [Hen79]. **low-lying** [PČH74, PCMS77, Tan74]. **low-molecular** [KGP79]. **low-order** [Han75]. **low-spin** [KTO$^+$78]. **low-temperature** [ACK$^+$75, MSSF79]. **Löwdin** [Sch77a, CGLÖ76, Cro77, De 76, Duf71, Gra77, Jan77, JW78, KS73b, LCK76, Sco73, Ste77]. **Lower** [JP77, Lin70, LL70, BBK76, JP73, LTR74, SMB$^+$79, TTS$^+$79, Wei71, Gra77]. **lower-bound** [LTR74]. **lowest** [FG79, JŻ79b, Koł76, Mul71b, Pie71, SHR76, TTS$^+$79]. **LSD** [JG74, WCK$^+$76, WOEG78]. **LSD/serotonin** [WCK$^+$76]. **luminescence** [BYB79]. **lying** [ČPH74, PČH74, PCMS77, Tan74].

M [Ahl77a, Cal73a, Cal79b, Cal75c, Cal76b, SS78a]. **m-** [SS78a]. **macromolecules** [BVO72, BL79, KGP79, NGR$^+$77]. **macroscopic** [Fog71]. **Magee** [Cal75c]. **magic** [CA78]. **Magnesium** [LB79b]. **magnetic** [Ada75b, BMD70, Bow71, DL75, Fog71, HDG71, Hor71, JVM78, LL73, LZ77, Loc72, MF73, MSSF79, NTN$^+$79, PGPP79, Pul78b, PPI73, RKOU77, SKS77, Sti79, Wan79]. **magnétique** [Loc72]. **Magnetism** [Mat72a, Mat79b]. **magnetization** [Hub71]. **Magneto** [DR77, IM73, SH74, SH75b]. **Magneto-optical** [DR77, IM73, SH75b]. **Magnon** [Liu71b]. **main** [MOV75]. **Mainly** [BB73]. **mammary** [WLS77]. **manganese** [Han79]. **manifolds** [Dal79]. **manipulation** [ACH72, Car74, NGR$^+$77]. **Many** [BP78, CJCM73, DDD70, Feu77, Gás71, Lev78a, Lim76b, MVM75, AC76, Abs78, BS74a, BS76a, BWS77, BFH78, BB73, CHD71, ČP71, Dav72, DF76, FP77, Gru70, JMM71, JBP76, KL75, Lim74a, LR77, LÖ77, Lin78, LRJ73, Lun77, MR73, Man77, Mat76b, Mat79a, MK75b, MMM75, Ner75, NB78,

RK76, Sha77b, SS73a, SS73b, Sla70b, WV74]. **Many-body** [BP78, DDD70, Feu77, Lev78a, BS74a, BS76a, BWS77, BFH78, CJCM73, LR77, Lin78, LRJ73, MMM75, Ner75]. **Many-centered** [MVM75]. **Many-electron** [CJCM73, Gás71, Lim76b, AC76, Abs78, BP78, BB73, CHD71, ČP71, JMM71, KL75, LÖ77, Lun77, Man77, Mat76b, Mat79a, MK75b, NB78, RK76, Sha77b, SS73a, SS73b, Sla70b, WV74]. **many-neighbor** [Dav72, DF76]. **many-particle** [Lim74a]. **many-points** [MR73]. **many-shell** [FP77]. **map** [Sri77]. **mapping** [TC70]. **maps** [HKP79, Kau73, NS79a, PPC72, SBB79]. **March** [BP70, BP71]. **Markoffian** [SM77]. **Marois** [Cal76b]. **mast** [MHH74]. **master** [ESG79]. **Masthead** [Ano70l, Ano70f, Ano70g, Ano70h, Ano70i, Ano70j, Ano70k, Ano71i, Ano71c, Ano71d, Ano71e, Ano71f, Ano71g, Ano71h, Ano72h, Ano72c, Ano72d, Ano72e, Ano72f, Ano72g, Ano73j, Ano73d, Ano73e, Ano73f, Ano73g, Ano73h, Ano73i, Ano74d, Ano74e, Ano74f, Ano74g, Ano74h, Ano74i, Ano74j, Ano74k, Ano75b, Ano75c, Ano75d, Ano75e, Ano75f, Ano75g, Ano75h, Ano75i, Ano76f, Ano76g, Ano76h, Ano76i, Ano76j, Ano76k, Ano76l, Ano76m, Ano77n, Ano77o, Ano77p, Ano77q, Ano77r, Ano77s, Ano77t, Ano77u, Ano77v, Ano77w, Ano77x, Ano77y, Ano77z, Ano77-27, Ano78g, Ano78h, Ano78i, Ano78j, Ano78k, Ano78l, Ano78m, Ano78n, Ano78o, Ano78p, Ano78q, Ano78r, Ano78s, Ano78t, Ano79a, Ano79b, Ano79c, Ano79d, Ano79e, Ano79f, Ano79g, Ano79h, Ano79i, Ano79j, Ano79k, Ano79l, Ano79m]. **Masthead** [Ano79n]. **Mathematical** [CA78, SW78, KN79]. **Matrices** [Gal72a, LL70, SLM70, Spe72a, Ano78d, DR75, GH78, GP79, Han70a, Han75, Har77b, Har79a, ICS74, KP71b, Kry77, Lar73, Lar78a, Lar78b, Ra76a, Spe71a, Spe71b, Wel70]. **Matrix** [Dav74, Gal72b, HBB77, HL79, Har71b, KR73a, LS71, LS74a, MW74b, PN76, Sas74, Sha78b, Spe72b, Ada72a, Ada79, BG75, Bun77, CM72b, Cli73, CFMO73, DD72, Del74, Fox75, FM78b, GF76, Gar78, Goł79, Har70b, JW78, KL75, Kij72, Kry78, LS70, MS71b, MHRS77, MW75b, MSL73, Nis77, PW79, Pea74b, Pos78, Ros78b, Sco73, SDB76, SC73, Sur71, Tru72, WG74, Wit76, WP79]. **matter** [Lay77, PS75a]. **Mavroyannis** [Cha71]. **maxima** [TK78]. **Maximum** [MI78, DL75, Mak71, Ran74, Sch78]. **Mayer** [Cal79b]. **MBPT** [BS78b]. **MC** [KS72, KS75, KK77d, Lev70]. **MCD** [JPTM78, MSSF79]. **McGraw** [Lin73]. **McGraw-Hill** [Lin73]. **MCHF** [Fro75]. **McIver** [TB75]. **MCSCF** [BS76b, Gar78, RDH79, RCE79]. **mean** [TL72]. **means** [ETF79, Fin73, LG71, MI78, Nis77, Nor75, Pol79]. **Measurement** [BW73, Com74]. **measurements** [KKK70]. **mechanical** [CBV79, Che71, Coo74, DAP79, FJP70, GJ76, HS79, HSBD78, Hos78, KKK79, MP71a, MKT77, PP74, PGPP79, PS75b, PC76, Pul77, RW75, TPC77, Wal77, Wei71, WO74]. **mechanics** [Col77a, Con73, GP74, GT75, Hun75a, MM77a, NB72, PTUK69, PP71, Pul76, SE79, Shu77a, TL72, Van71, Wil79b, Wil79a, Cal79b]. **Mechanism** [PF79, BYB79, Dav79, HG75, KKK74, KK75, LP79b, PL79, Pul79a, Sal79, SM79, SLOKP79, TPC77, UP71]. **Mechanisms**

[KKKP79, Pet79, BDT77, LSS78, TB75, Urr75, WO77, WOEG78]. **Mechanismus** [HG75]. **media** [BBT71, Chr79c]. **medium** [HLMV77, KPP77, Sim78b]. **mediums** [HMV77]. **Meeting** [Pul79b]. **melting** [KGP79]. **membrane** [Sun74b, Sun75b, ST78, ST79b, Urr77, Van75]. **membrane-active** [ST79b]. **membranes** [BK75b, Fro79, GH79, Hos78, Mar79, Urr75]. **memory** [Spa78]. **meperidine** [LJBN75]. **MERGE** [HKP79, HPK79, KPPH78]. **Metabolic** [NKKY79]. **metabolism** [ME78]. **metabolites** [HKP79, KPPH78, NKKY79]. **Metal** [Ber73, Swi71, BR78, BFS73, CS73, CHHS74, CS74, DD77b, DCS77, FN73, JW72, Joh77, KD77, KGB76, LVDC74, MS72a, MS74, Moh77, MM77b, SC73, Spe73, Sto71, Van72]. **metal-ferroelectric** [CHHS74]. **Metal-to-nonmetal** [Ber73]. **metallic** [KMO77, OKM74]. **metalloporphyrins** [DAC$^+$79]. **metals** [CJCM73, CM75b, De 78, FMRG75, KW76, LB73a, MGM78, PK77c, Sch77c, SKW72]. **metastable** [DD71]. **metastables** [KSP78]. **Methadone** [LJBN75]. **Methane** [Dan72, DPGC79, HSBD78]. **methionyl** [PPC72]. **Method** [Hen74, LS71, Rei76, Aba72, AFD$^+$78, BR78, BB75, BBL72, Bil72, BK75c, BFH74, Bur72, CS73, CK75, Cas78a, Cas78b, CD74, CODM77, CSY$^+$74, Cla71, CSH74, DC73, DRCT78, Eps77, FFCB79, FG79, FRM74, FHB77, GHS79, GB75, GML77, GL74, GJ76, GHJ77, Hal78, HS77, Har77c, HC72, Hen76, Hen77, HC78, Jan76, Jet73, JW72, Joh73, JM76a, Joh77, JM73, JS70, JNŽ72, KKW73, Kau73, KSP78, KA76, KR78, KU70, KK77d, LS70, LVDC74, LV71a, LV78, LP74a, LP74b, LFF79, LG77, Lim74b, Lim75a, Lim75b, Lim76b, Lim77b, LG75, Loc76, MKF77, Mak71, Mat71a, May74a, MK75b, MK75a, May78, MCF$^+$70, MS76a, Mes73b, Mes78, MW75c, Mon77, Mor78, MMR74, MS75, Nam75, NI74, Pai71, PD78a, Ran74, Rob71, Rob72b, RDH79, RK77]. **method** [Rue79, RPK78, Sac72, Sam75, SF76, SM76a, SH73, SC76a, SIM75, SKL79, Shu77c, SBM72, Sla73a, Sla74, SC76b, SC73, Spe73, Sri77, TGSL70, Tru73b, Van70, VK74, WEH74, WK73, WA71, Wei74, Wei76, YJ76, ZR78, ZBH$^+$78, ZF76, DCM74, KS72, LB73b, Wel76]. **méthode** [TGSL70]. **Methodology** [BW76b]. **Methods** [Chi77, CFMO73, GMZ73, Shu77b, SBD$^+$70, Tur74, APČ77, Ano79o, BG76, Bar70, BNLS72, BBL77, BS78b, BL77c, BS78c, CGLÖ76, CSFM72, ČP71, Cof74a, DS76b, DCS77, Ell73, Ema74, Fau71, Gar78, GV77, Har77b, Har78, Kar70b, Kar70c, KFY71, Kau70b, KK74b, KK77c, KVSG79, Lar78a, Lev78a, Lun79, MK76a, May78, MCM73, MW74b, Min79, ML76, NS72, NS73, PLYM78, PAČ77, PČL78, PBPL78, PSK77, Pos79, RW77, Sin73b, SS70, Sla75, Vog79, WFS77, Cal76a]. **methyl** [BS79, Kla78, MLB72, MK72, RRNS75, Sha77a]. **methyl-substituted** [Sha77a]. **methylacetamide** [DEC78]. **methylamine** [Abd77]. **methylating** [HPK79]. **methylation** [SS78a]. **Methylbenz** [SS78b]. **methylene** [LED73, LD73, TRS73]. **methylglyoxal** [Abd77, ED79, LDP79, Lew78, Pet78]. **methylglyoxal-protein** [Lew78]. **methylimidazoles** [KRKŠ78]. **methyltransferase** [SS78a]. **Metric** [Mor78]. **Metric-constrained** [Mor78]. **Mg** [PPB78]. **MgH** [BL70]. **MgO**

[KGB76]. **microelectronics** [Ost79]. **microscopic** [Coo78a]. **microwave** [Web74, WLS77]. **migration** [FY79]. **Milne** [YL74]. **MINDO** [Boy77, SL73, ZR78, ZBH+78]. **MINDO/2** [SL73, ZBH+78]. **MINDO/3** [Boy77]. **minicomputer** [Spa78]. **minimal** [Cur78, KPÖ76, Mal71a, RPK78]. **minimisation** [BJ73, Muk75]. **minimization** [BJ73, HS75, Jol79, KS73a, KA76, KBK72, Wel76, Wel77b]. **Minimum** [GY75, HHR70, JŻ79a, MI78, You72]. **mixed** [ACG74, Euw71]. **mixing** [LV71a]. **mixtures** [GH72a]. **MO** [Ano78c, BBL72, BBL77, Csi77, KT77, Kau70b, KL79, Lar78c, LAV72, MW74a, NN77, PCMS77, PPK78, PK76a, PK77b, Vla70, WMB75, MM77b, Abs72, Bil72, CA78, CSFM72, Cof74a, Csi76, Del73, FTN77, FM72, Hil79, KHI79, KS73a, Kar70a, Kar70b, Kar70c, KFY71, KTO+78, LS74b, MSKM77, MR72, Moh77, NI70a, NI70b, Sam75, SD78, SMH77, SG77a, SS74, SLC78, SW78, WRF73, ZR78, ZBH+78, BFH74]. **mode** [DBBJ76, GSE78]. **Model** [KL77b, LPP78, LP79a, PD79, SPČ72, AF73, ADDLG76, ABD+79, BS77b, BS78a, BL70, BFR78, BK71, Bra79b, CB72, CD78, Cho79, ČPP75, CE73, Coo74, Coo78a, Coo78b, Coo79, CZ75, Dav77b, Dec70, Doo78, Duk79, ERW75, ED79, FCL79, FM78b, GbK77a, GOK79, Goo76, GGJ75, Hal75b, Han77a, HB79, HC78, ICS74, JS71, JVM78, JL70, JM76b, Kib75b, Kli79, KBK72, Lar75, Lar78a, LP79c, LP79b, LW77, LB73a, LK78, LPT+74, Lud75, Mal71a, MCP73, May74a, Mic76b, PČL78, Par72, Per78, Pet77, PNC+78, PP74, Por77, PGPP79, RSS75, RR77, RMB78, RC70, RC71, RC72, RL79, SM76b, SPČ79, Sch71a, SP75a, Sha77a, Sha78a, SB78, SL70, Sti78, Tal77, TP77a, WN78, WO76, Wei76, YJ76, Sch71d, SPČ72, YD75]. **modèle** [JM76b]. **Modeling** [SKL79]. **modelling** [FHP70]. **Models** [LHK77, Pau78, WO77, AM77a, ČPH74, GK76, Höl77, JPTM78, Lad74a, LS74a, Löw77, Mag79, PL79, PČH74, PBS76, TW77, Urr77, WOEG78, SK73]. **Modern** [Kap79]. **modes** [BDT77, Hor71, SLOKP79]. **Modification** [Bee79]. **Modified** [GM73a, GM73b, KK77d, KL79, Rue79, BSG77, Csa77b, JW78, PS73]. **MODPOT** [HKP79, HPK79, KPP78a, KPPH78, KPP78b, PK76b, PK77a, PK77b]. **MODPOT/VRDDO** [HPK79, KPP78a, KPP78b, PK77b]. **MODPOT/VRDDO/MERGE** [HKP79]. **MODPOT/VRDO** [PK76b]. **modulus** [SEW73]. **moiety** [RKOU77]. **MOLE** [PHL+76]. **moléculaire** [LL72]. **moleculaires** [TBB70, BJ73, Mar73a]. **Molecular** [AeAs78, Ald75, BB70, BL77b, BH71, CD78, Cur78, DH73, DLG79, DK77, Eis76, Eld73, FWFM77, FB72, FHP70, GPP73, GMZ73, GHJ77, JG74, KC73, Kau76, KPPH78, KPP78b, KL77a, Kot76, KD77, LV78, Lev70, LGR73, MS72a, MS72b, Mat73a, Mat76c, MHA70, Mul74, MHH74, NPL+79, PPC72, PPP79, PK76b, PK77a, PK77b, Pul70, PZP79, SMP77, SS78a, SJ79, SR72c, TPM70, Urr75, Van72, Van74, AF73, AM74, Ano79o, BTD79, BNLS72, BL77a, BJ73, BBP71, BV73, BVS76, BT71, BT78b, BVR78, Boy70b, BS78c, BSB77, Cal76a, CM75a, CW76, Cas79, CSDV78, CJS77, CSM71, Chr73, ČP71, CR72,

CDEO76, CM76, Com77c, Con72, CAMC71, CSH74, CD71, CZ75, CA72, DGC77, DSC$^+$77, DRCT78, DT75, DEE$^+$75, Ell73, Eng71, FTN77, FCL79].
molecular
[Fla79, Flu72, GGCK79, GG79a, GG79c, GG79b, Gia73, GC77, GPP79, HO73, Hac74, HH77, HHR70, Hal78, Hal79b, HLMV77, HKP79, HLGC73, Hen74, Hen76, Hen77, HLYC77, HL78b, Hos72, HTG77a, HTG77b, IS75, JSC78, Joh70, JS71, JP77, KR76, KTO$^+$78, Kau70a, Kel75, KM76, KK77b, KGP79, KPD78, LL72, Lan77, LGAM79, LP74a, LP74b, LFF79, Lev78a, Lib76, Lo75, Loc77b, Loc72, MMB70, MEW70, MS74, Mat71a, MLB76, MDC79, Mic74, Mic76a, MHWC78, Mil74, Nal78, NB72, Nee75, Ner75, OMC76, PH77, PCMS77, PT75, PPK78, PK75, PGPP79, PS75a, PBC74b, Pul76, Pul78b, Pul79b, PÖ77, RR72, RWFS71, RK77, Rou78, Sab75a, SM73a, SD79a, SPČ79, SP75a, Sch72, SLB77, SLJ78, Sel75, SMMA73, SDM74, SBB79, Shu77a, Sil71, Sim72].
molecular
[Sla71a, SC76b, SC78a, SC78b, SF75, SP77, SS73c, Sti79, SWP77, TBB70, TNB79, TP77b, TH78, Tur74, Tyu75, Tyu78, ULM76, VBC78, WO77, WOEG78, WJC70, Wil79b, Wit72, Wój76, Woo72, Fan70, KD79b, Mar73a].
Molecular-orbital [Van72, BTD79, CSDV78, Joh70, JS71, KPD78, KD79b].
Molecule [OJB77, Ada78, AF73, BRS$^+$75, BWS77, BG78, DN75, ES73a, FSV79, GZ72a, GZ72b, GGCK79, GLS79, GS70a, HH77, Hen79, HK74, IM73, JŻ79b, Jør78, KP71a, KSP78, KD79a, KL73, LD74, Laz79, LE72, MO77, MS76b, Min79, Nes75, Pie71, PK71, Rit76, SH74, TDB77, TOED79, WO76, Wil77b, Wil77a, Zer74, vDR79].
Molecules
[Jai70, KM74b, Nes71, AM72a, AM74, AM77b, AM77a, Als73, AMJS79, Ave72, Bar77, BB74, BJ73, BBP71, BP74, BP75a, BSZ78, BP73, BR75b, BFR78, BS76b, BBG79, BW73, Boy74, Boy72a, CK75, Cha71, CSFM72, CW77, CSM71, Chr73, CR72, Csi76, DN75, DSMM79, DM72, Duk79, DCS77, ERW75, EB74, FW75, Fox75, GP72, GP78, GB75, GJLL75, GJ76, Hal71, Hal73, HE77, HF72, HRBB76, Hil79, Hur76a, Hur76b, Hur77, IM73, IMN79, ICS74, JBP76, Joh73, Jul78, Kla78, Kle70b, Koc74, KBK72, KL73, LL72, LL73, LCP76, LZ77, Li76, LR77, LM72, Lin73, LGR73, MMB70, Mal71a, Mal71b, MCST72, Meh78, MCF$^+$70, MLM75, MLB72, MOV75, Moh79, Mor78, MI78, Muf76, NI70a, NI70b, NS73, NS79b, Nes70, OMC76, PLYM78, Pau78].
molecules [PK72, PCMS77, PS79a, PS70, Plo79, PF74, PK75, Pos70, RR72, RSR72, RTS74, RM73, Rob72a, Rob71, Rob72b, Sam75, SM73a, SM76b, SM76a, SD79a, Sas77, SP74, SP75b, Sch73b, SG77a, Sim79, Sim78b, Sla75, SZ76, SBD$^+$70, Suz77, SH75b, TGSL70, Tin79, TB73, Tyu75, Tyu78, VGS79a, VGS79b, WCK$^+$76, Wen79, WS79, WMV77, BJ73, LL72, Loc72, Kle70b, Com77a, Com77b, Ano78c, Cal79a].
Molecules-in-molecules [KM74b].
Moleküle [Sch73b].
Møller [BP75b, PKSB79].
Moment [Ell77, AAC76, Als73, CA72, DSC$^+$77, Fae79, KP71a, MMD78, Tru72].
Moment-polarized [Ell77].
Moments
[OJB77, CAMC71, DH76, ETF79, HH77, Lar78a, Lau79, Li76, RR72, SMW71].
momentum [BS70, BBT71, BW73, But76, Cro77, CM75b, GN77, WESW73].

Monday [Sla71b]. **mono** [Har77a, INI71]. **mono-negative** [INI71]. **Monocyclic** [Boy77]. **monoelectric** [BSG77]. **Monographs** [Gos78a]. **monolayers** [VH75]. **monomer** [AZ72]. **monomolecular** [Chr77]. **monopole** [KP71a]. **monopole-transition** [KP71a]. **monosubstituierten** [FJP70]. **monosubstituted** [FJP70]. **Monosubstitutions** [MR72]. **monoxide** [BWS77, SD70, Wil77b, WFS77]. **Monte** [Cas78b, Col77a, CL78, Col79, RC78]. **more-electron** [Sin73b]. **Mössbauer** [GML77, Kot76]. **motion** [DR75, FG79, GP79, LG71, SHI73, SIM75, SD74, SLOKP79, SH75b, Web74, Sim77a]. **motions** [Bri73]. **Mott** [Bra76]. **Mouton** [AB73]. **moving** [DR77]. **MS** [GML77, BFH74, Con72, CG79b, KC79, Kau73, PKK75, PK77c, WC75b]. **MSW** [SP75a]. **MSX** [RK79]. **MT** [CD78, KC79, RK77]. **muffin** [DC73, FFCB79, FRM74, GHJ77, Pai73, Sla74, Wil74]. **muffin-tin** [FFCB79, GHJ77, Sla74, Wil74]. **Mulliken** [CM75a, CA78, Kau70b]. **Multi** [MM70, Hac74, NI70a, NI70b]. **Multi-configuration** [MM70, Hac74, NI70a, NI70b]. **multibody** [NY75]. **Multicenter** [GMZ73]. **Multichannel** [RM79]. **Multiconfiguration** [Har71b, SC76a, BG76, BSS78, BKS79, Fro74, GB75, Hal78, Har70b, JS77, KKW73, PNC$^+$78]. **Multiconfigurational** [GBV77, Gre71, KK76c]. **multidimensional** [BF78, LG71]. **Multimolecular** [Sla79]. **Multiple** [AD77, Dav77a, Wil74, BL77c, CW76, CW78, Dan72, DC73, FFCB79, GGCK79, Gin78, KL78, Kel75, LVDC74, Li76, MMR74, RK77, WK73]. **multiple-scattering** [Dan72, FFCB79, Li76]. **multiple-scattering-X** [DC73]. **multiplet** [BFS73]. **multiplets** [LP74b]. **Multipole** [CJ73b, DH76, GPP79, MM72b, SP79]. **muons** [Fri72]. **muscarinic** [Kan74]. **muscle** [Dav79, NTN$^+$79]. **Musher** [Ano76n, Cus75]. **mutation** [GRE$^+$77]. **mutations** [Coo74, Coo78b, RCE75]. **Mutually** [Abs72]. **my** [SG76b]. **myosin** [BZSD79].

N [PK71, RKOU77, SY77, AAC76, Bur77, DEC78, Har70a, HLYC77, KPÖ76, MLB76, PL79, PK71, RRNS75, RC71, SBD$^+$70, Tru72, WK73]. **N-acetyl** [RRNS75]. **n-h** [SY77]. **N-hydroxylation** [PL79]. **N-methyl** [RRNS75]. **N-methylacetamide** [DEC78]. **N3** [ME78]. **Nakajima** [HLMV77]. **nalorphine** [KK77a]. **Nanosecond** [GC75]. **naphtalene** [BOP76]. **naphthalene** [KT77]. **narcotic** [KK72, KKK74, KK75]. **narcotics** [KM72, KKK74, KK75, LJBN75]. **native** [FSV79]. **Natural** [BS70, BC79, KÖ71, SD74, Eig78, RCE79, SDB76, TRPB77, ICS74]. **Nature** [KBKČD78, Sim78c, BVO72, BM71b, MPS70]. **Naturel** [DQ77]. **Nb** [MM77b]. **near** [De 78]. **nearest** [SS77a, SS77b]. **nearly** [BL70, BEF78, LB73a, SM73b]. **necessary** [Kum77]. **necessity** [Kau79b]. **need** [Del74]. **negative** [BT78a, Csa77b, Csa79a, INI71, KSP78, Sim77b]. **neighbor** [Dav72, DF76, MHRS76, MHRS77, OCRMLR$^+$71, SS77b, WJC70]. **neighborhood** [KL73]. **neighbour** [SS77a]. **Neon** [Fae79, NY76]. **nerve** [BK75b, NM77]. **nested** [MHPS70]. **networks** [KHI79]. **neuroleptics**

[KK74a]. **neurotransmitter** [Kau76, KKP77]. **neurotransmitters** [GRB74]. **neutron** [MPW75]. **next** [SS77a, SS77b]. **next-nearest** [SS77a, SS77b]. **NH** [Bai74, BWRD79, CE73, FMZ70, HNT78, KC72, LV71c, RC70, RC71, Bai74]. **Ni** [JR74, LB79a]. **nickel** [CZNL70, DCS77, SDJ79, SLC78]. **NiH** [GBK77b]. **nitric** [KÖ71]. **nitrite** [HCIE75]. **Nitrobenzene** [PK76b]. **nitrogen** [BKW75, HK74, LD74, Mul74, NPL+79]. **n'l** [JSK75b, JSK75b]. **NMR** [JE79, KVSG79, Pul77]. **NO** [PK71, Cal73a, Cal76a, Cal77b, Lin73, Sab75a, Cal79a, KKK70, LK78, MSSF79, Cal75b]. **noble** [BM74, Csa77b, MHW78, NY75, Sto71]. **noble-gas** [MHW78]. **Non** [DC73, Gal72b, HL79, JBG70, KP71a, Sun77, BBT71, BMD70, Bow71, Boy70a, DT72, FRM74, GP72, Gou73, HLYC77, JG72, Kun78a, KOW78, Kun78b, NB72, Pai73, Sch72, Sin75, TK78]. **Non-Adiabatic** [HL79]. **Non-applicability** [KP71a]. **non-Bloch** [Kun78a, KOW78, Kun78b]. **non-closed-shell** [Sin75]. **non-crossing** [NB72]. **non-empirical** [HLYC77]. **non-existence** [TK78]. **non-exponential** [Sch72]. **non-Hermitian** [Gou73]. **non-interacting** [DT72]. **non-Kramers** [BMD70, Bow71]. **non-linear** [BBT71, TK78]. **Non-muffin-tin** [DC73, FRM74, Pai73]. **Non-Orthogonal** [Gal72b, JBG70, JG72]. **non-rigid** [GP72]. **Non-Watson** [Sun77]. **non-zero** [Boy70a]. **Nonadditive** [Wei76]. **Nonadiabatic** [YD75, BC79]. **nonalternant** [Lai73]. **nonbenzenoid** [SG77a]. **Nonbonded** [Sun74b, Sun75b, ST78, ST79b]. **noncanonical** [GP74]. **noncharacteristic** [MFRE76]. **Nonclassical** [Urr78]. **nonclosed** [SS73b]. **noncompact** [Sin73c]. **Nondegenerate** [Hor71]. **Nondiagonal** [RM73, Oni79]. **Nonempirical** [HPK79, ABD+79, KPP78a, KPPH78, KPP78b]. **nongeometrically** [DN75]. **nonlinear** [CK75, Wel75]. **Nonlocal** [Ove73]. **nonmetal** [Ber73]. **nonmetallic** [JMP78]. **Nonorthogonal** [JSK75a, JSK75b, Lya78, Meh78, Wel76, Wel77b]. **nonorthogonalized** [KR73a]. **nonplanarity** [RKOU77]. **nonpolar** [SAM79]. **nonradiative** [HE77, HF72]. **nonreactive** [Ber76, Tru76]. **Nonrigid** [DN75, TDB77, ES73a, GP78, PS79a]. **nontensor** [Bri73]. **Nonzero** [PBC74a]. **Normal** [KKP77]. **normalized** [Nal78]. **notation** [KL77c]. **Note** [Csa79b, Sla70b, Bee72, CW77, FHB77, FY71, HK74, Lad75a, LL76, Sab75b, Sco73, Sim77a]. **Notes** [FM78b, Cal79a]. **nouvelle** [JJ78]. **novel** [FBL79]. **Nuclear** [RKOU77, TB73, Boy72b, Bri73, GP79, Laz79, RMP71, Pul78b, Sti79]. **nuclei** [LZ77, PGPP79]. **nucleic** [AMJS79, DS79, FB72, IZZ+79, KD77, KL79, LP79c, LSB+79, NKKY79, PL77, Pol79, PGPP79, SD77, SMB+79, SRE+79, Sun74a, UP71, VBC78]. **nucleic-acid** [FB72]. **nucleophile** [PDEB78]. **nucleophilic** [PLSL78]. **nucleoside** [KP79b, PB77, SMP77]. **nucleosides** [GPP73, JE79]. **nucleotide** [Lak75, ME78, SW79]. **nucleotide-binding** [Lak75]. **nucleus** [HB79]. **number** [KL77c, KMLB77, MW77, MK76a, Res78]. **numbers** [GCJ73, Har79b, ICS74]. **Numerical** [GMZ73, KP71b, Thu75, BEH77a,

CHS77, DD72, GJ76, RS79, Sur71, WA71, BBL77, DD72, ES79, TW77]. **Nutrition** [Web74].

O [BMD70, FM78a, Har70a, Har77a, LGP75, LGM77, Shu77b, ÅSW77, BZSD79, Bur77, CV73, DMS+78, FM78a, FMZ70, Gub79, HL79, Han79, HNT78, HPK72, LG77, LE72, LK78, MS71b, MG77, PK71, Ros78a, ST72, SS78a, TTS+79, Tru73b, WK73]. **O-methyltransferase** [SS78a]. **O.** [Jan77]. **Obituary** [Löw73]. **observables** [Kun78b, ML79]. **observations** [GK76]. **obtained** [BB75, CESW70]. **obtaining** [Cas78a, CFMO73, CH74]. **occasion** [Cal75b]. **occupation** [Har79b, ICS74]. **occurring** [DDH78]. **octahedral** [LVDC74]. **octupolar** [MMS70]. **Odd** [May74b]. **Odd-electron** [May74b]. **odorant** [LM72]. **off** [LC77, Mil71, ST79a]. **off-diagonal** [ST79a]. **OH** [Cur77, LV71c]. **Öhrn** [Shu77b]. **old** [Tho75a]. **Ole** [ÖL79b]. **Olov** [CGLÖ76]. **on-line** [WEH74]. **One** [BSS78, BDP73, BH71, Eng72, SBM70, TNB79, Ada72b, AM72a, AM74, AM77b, AM77a, AT75, CB72, CD78, ČP77, CM76, Dah78, DSG74, Dec70, FY79, Fri72, GC77, HNT78, Hen78, Hos72, HR76, Jak76a, Jak76b, Jak76c, Jak76d, JM73, KZ73, KS72, KK77d, Lét74, May78, MVM75, MLM75, SS73b, ST70, SBM72, SR72c, MM74]. **One-** [BH71]. **one-band** [CD78]. **One-body** [SBM70]. **One-Center** [Eng72, AM74, AT75, CM76, HNT78, MM74]. **one-centered** [MVM75, MLM75]. **one-centre** [AM77a, KZ73]. **one-densities** [Hen78]. **one-dimensional** [FY79]. **One-electron** [BDP73, TNB79, AM77a, CB72, ČP77, Dah78, Dec70, GC77, Hos72, HR76, Jak76a, Jak76b, Jak76c, Jak76d, JM73, KS72, KK77d, May78, ST70, SR72c]. **One-particle** [BSS78, DSG74]. **only** [Lét74, MPW75]. **onto** [MHPS70]. **Open** [CGRC74, APČ77, BS78c, GHS79, GBM74, GRM75, HP77b, JD74, KBK72, Lin78, MMB70, MW75b, MLB72, MM72b, MDS75, MMM71, Muk75, Nel79, Nes77, PT78, RGM75, RGM77, SPČ79, SM77, CDEO76, Hen76]. **open-shell** [BS78c, GHS79, HP77b, JD74, Lin78, MMB70, MLB72, MDS75, Muk75, Nel79, Nes77, PT78, RGM75, RGM77, SPČ79, CDEO76, Hen76]. **Opening** [Ede70, Lon74, Lon75, Lon73]. **Operator** [BL72, Mic76a, Mor75, BBK76, CE73, Dal79, DC75, HBB77, KK74b, KK77c, Ner76, PS75a, Sur71, WG74, Sim77a]. **Operator-Level** [Sim77a]. **Operatoren** [KA76]. **operators** [Bal78, BSG77, BFH78, Col78, CEK72, Cro77, Gos75, KA76, Lar75, Lar79, Lim75b, MK78, MW75c, SL79, Sch71a, Sol73]. **opiate** [LJBN75]. **Oppenheimer** [CL78, Col79, Ess77]. **Optical** [PS79a, BBT71, DR77, GML77, INY+71, IM73, Lip72, Mes73a, Sch71e, SH74, SH75b]. **optically** [Cha71]. **Optimal** [Raf75, Ra76b, Abs78]. **optimisation** [Muk75]. **Optimization** [BT71, Gia73, ABM78, BSZ78, Bur77, CLP79a, CLP79b, Gar78, Jak76a, Jak76c, LS74b, MK75b, RCE79, Sun75a, Wel75, BPTLVM73]. **Optimized** [Sol71, Jak76a, Jak76b, Jak76c, Jak76d, JP73, LTR74, SBB79, SBD+70]. **optimizing** [KK76c]. **Optimum** [Cas78b, Pol70, ZR78, ZBH+78, CHD71].

OPW [VK74]. **Orbit** [BOP76, Lo75, MSSF79, BP74, BP75a, BK75c, Hal75b, JSK75b, LA76, MM74, MCF+70, SM71a, SM71b]. **Orbit-orbit** [Lo75]. **Orbital** [ABM78, Ave79b, AB79, Ave79a, BL72, GMZ73, HRBB76, MVN75, Muk75, Abs78, AeAs78, AF73, Ald75, ADDLG76, Ave79c, BTD79, BBP71, BT71, BC79, BVR78, BSB77, Cal76a, Cas79, CSDV78, CR72, Cof74b, CDEO76, CM76, Com77c, CAMC71, Cur78, DH73, DEE+75, FB72, Gar78, GPP73, GC77, GH72b, GHJ77, HO73, Hal78, Hal79b, HLGC73, Hen76, HLYC77, HL78b, HP77b, Joh70, JS71, JG74, Joh77, KC73, KTO+78, KPKC73, Kau79b, KSL76, KL77a, Kot76, KD77, KPD78, KD79b, KÖ71, LV71a, LB77, LGR73, LS74b, Mar73a, MEW70, MHA70, MH72, MG77, MHH74, NPL+79, Nee75, NG73, PPC72, PK75, Pop71, Pul70, PBC74b, Raf75, RR77, RMB78, SM73a, SMP77, Sch73b, SRP76, SRP77, SDM74, SS78a, SM73b, TRPB77, Tur74, Van72, VBC78, Vla70]. **orbital** [WJC70]. **orbitales** [BJ73]. **Orbitals** [Bee79, Gal72b, GMZ73, Kas76, Thu75, AC76, Abs78, BS74a, BS76a, BJ73, BP74, BS70, BSZ78, Bur72, CW77, Cof74b, CM76, CA72, CA73, DGC77, DSC+77, DD72, Des72, DT75, Eng71, FGV77, Gia73, GB72, Hal73, HLGC73, Hen74, Hen77, Hos72, HTG77a, ICS74, JP73, JP77, JG72, JSK75a, JSK75b, KR73a, KT77, KP72, Kau74b, Lec76b, LAV72, LGR73, Lo75, Loh76, MMB70, Mar73a, MS72b, Mat73a, Mat76c, MK75b, Mcd79, MI78, Mul74, NN72, NN74, NS72, Pal73, PS73, Pol70, PAM75, Ra76b, Rob72a, Ros78a, RS78a, RS78b, RS78c, Rou78, RCE79, RPK78, SR72b, SD79a, SBB79, ST70, SC76b, SDB76, SD74, SR72c, SW77, SW78, Tat73, TP77b, Tyu75, Tyu78, Van72, Wyb73a, JBG70]. **Orbitalstruktur** [Sch73b]. **orbiting** [SSM75]. **Order** [JBP76, OJB77, SLM70, WS79, Abd71b, BBB73, BWS77, Bun77, Coo79, HS76, Han75, HBE78, KD74, Kle79, KP78, Lan73, LF77, Laz78, LZ79, Moc74, Mos73, NRS79, PLMB73, RM73, SK71, SKL79, SC73, TTN76, Vog79, You75]. **ordered** [PN71]. **ordering** [AS78]. **orders** [KHI79, Mal71a, Mal71b]. **ordination** [FM72]. **organic** [Ano78c, Csi76, Csi77, DT75, Lar78c, RD79]. **Organization** [GH79, Eig78, Pea74a]. **organo** [MYTC77]. **organo-silicon** [MYTC77]. **organometallic** [RMB78]. **orientatiion** [TBB70]. **Orientation** [Fuk70, Jør78, Cal77b, Eno76, Fuk75, TBB70]. **Origin** [Sur71, GRE+77, CA78]. **origins** [PL77]. **Orthogonal** [CH77, Gal72b, JBG70, JG72, MS75]. **orthogonality** [RS76]. **Orthogonalization** [KS73b, Ra76b, LB77, Sco73, Ste77]. **orthogonalized** [CWE71, ML76, NN72, NN74, NS72]. **orthonormalisation** [Lat76]. **orthonormality** [MI78, NI74]. **orthonormality-constrained** [MI78, NI74]. **Orthonormalization** [Jør77, Jør78, Sch77a]. **Oscillator** [WG74, AC70, BHLM78, CM78, GBV77, Lar78a, RB75a, ST79a, Sin73a, WO75, Wit76, WM79]. **oscillators** [Bas78, BBA73, BHLM78, HMV77, HMV78, Hun74]. **other** [Boy74, Har77b, Jan77, KKK74, KK75, LDP79, RU76, SM71a, SM71b]. **outer** [Des72, GBT79]. **Overlap** [Thu75, BB72a, BKW75, DL75, DY76, GPP79, KP76, Kib75b, LV71b, LV72, Mak71, MI78, PNC+78, PK75, Ra76a,

RR72, Ran74, RM72, Sch71a, Van70, WW71]. **overlapping** [CG79b, Ra76b, SC76b, YJ76]. **overlapping-sphere** [SC76b, YJ76]. **overlaps** [Nis77]. **overview** [Sim78a]. **Oxford** [Ahl77a, Ano78c, Gos78b, Sab75a]. **oxide** [KÖ71, PDEB78]. **oxocomplexes** [BL77c]. **oxopyridine** [KPP78c]. **oxopyridine-water** [KPP78c]. **oxopyridines** [CLP79a]. **oxopyrimidines** [CLP79a]. **oxy** [RL79]. **oxycumulenes** [LÖS73]. **oxygen** [ÅSW77, DAC+79, Har71a, HK74, IM73, KC77, LGAM79, Sal72, TH78]. **oxygenases** [Har77a]. **oxyhemoglobin** [Har77a]. **ozone** [Bur77]. **ozonides** [Rou73, Rou74].

P

[Gos78b, LL72, Sab75a, Sim78c, AMSS79, CT79, LHK77, MK72, NT79, SS78a, AC70, GL74, Har77a, LL75, LG75, MSM70, MBM71, SHR76, TTS71, Tat73]. **p-450** [LHK77]. **P-450-dependent** [Har77a]. **p-benzoquinone** [MK72]. **p-methylation** [SS78a]. **p-quinones** [NT79]. **P.** [Jan77]. **P.-O.** [Jan77]. **P450** [Han79, PL79, RL79]. **Padé** [GBL+73, ČPP75, CM78, GB71, PW74a, Røe73, Røe75]. **Padé-type** [PW74a]. **Pages** [Sab75a, Cal73a, Cal76a, Cal77b, Lin73, Shu77b, Shu77a]. **Pair** [GH72a, Nes71, Ada78, BP78, BKW75, ČP71, ENRM78, JMP79, KP76, Lan73, LE72, Mag79, Meh73a, MSL73, MMM75, NS75, Nes70, PNC+78, PZP79, RC70, RC71, RC72, SE79, Sin73b, Sri77, WV74, SPČ72]. **pair-correlated** [WV74]. **pair-correlation** [Lan73, MMM75]. **pair-potential** [Meh73a]. **pairing** [JPTM78, Kle79, MWY77, Mat79b]. **pairs** [BM74, DSC+77, GRE+77, Jan76, Kau74b, KKK79, Sun77, ZV79]. **pairwise** [Pet77, PNC+78]. **pairwise-correlated** [PNC+78]. **panel** [WN71]. **papain** [BCR+78]. **paper** [Wil77a]. **paperback** [Gos78b]. **papers** [LB79a]. **para-phenylenediamine** [DT75]. **parallel** [BCL79]. **paramagnetism** [BVO72]. **parameter** [Amo72, BS71, Höj79a, Höj79b, Jol79, MSKM77, RK79, SD79a]. **parameters** [AD77, BYB79, EB74, FN73, Har71c, KP72, LED73, LD73, NMS77, San71, Sel75, Sol73, TK78, Wel75, Wel76, Wel77b, Wol71]. **parametric** [Kar70b, Kar70c, KFY71]. **Parametrization** [LV71a, Kib75a]. **parametrizations** [Gia73]. **parent** [KKK70]. **parentage** [KK77b]. **Paris** [Cal76b]. **Pariser** [JL70]. **Parr** [JL70]. **Parseval** [Lat77]. **part** [GBS70, Sla70b, Sur71, Wel70, Wel71]. **partenaires** [TBB70]. **Partial** [Bar79, AM77b, AM77a, RK79, Wel71]. **partially** [Sim72]. **Particle** [Lar75, WA71, Ada79, BSS78, Col78, DR77, DSG74, GGJ75, GK76, Hen78, LD71, Lim74a, Lud75, Mat74a, Rat71, TGG79, MWY77]. **Particle-hole** [Lar75, LD71, Rat71, MWY77]. **Particles** [GÖ68, GÖJ+73, KL77c]. **particularly** [Abd71b]. **partition** [DH78]. **Partitioning** [Mil74, MSL73, SDM74, BB71, BF78, GGCK79, GS70b, LG71, MMM75, Ner76, Røe73]. **partners** [TBB70]. **parts** [KR76, Kla78]. **parvalbumins** [NTN+79]. **path** [JŻ79a, Lei74, PGQ77]. **path-integral** [PGQ77]. **pathways** [TH78]. **pattern**

[KP76, Pal75]. **Pauli** [Kij72, RL77]. **Pauling** [Ano78f, Ano78u, Eyr78, Ram78]. **PCILO** [Kau74b, KK77a, KVSG79, Loc76, LW76, Loc77a, LH77, Loc77c, Loc77d, LH79, Wel77a]. **PCILOCC** [Loc77b]. **PCILON** [DD72]. **PCN** [Tho76]. **PDC** [DT75]. **peak** [SKL79]. **peculiar** [Mes79]. **peculiarities** [LKK+79]. **Peierls** [Cal77a]. **penetration** [YD75]. **Penney** [RT77, WO76]. **Penning** [RM79]. **pentapeptide** [RU76]. **pentofuranosyl** [JE79]. **peptide** [BWRD79, RKOU77, Sri77, VGS79b]. **peptides** [NJF+77, PP74, RRNS75, RKOU77]. **Per-Olov** [CGLÖ76]. **perfect** [Kun78a, KOW78, Kun78b]. **periodic** [Lad74a, Oda73]. **permanganate** [MBM73b]. **permeation** [Urr75, Urr77]. **permitted** [CSFM72, MCF+70, MCM73]. **permutation** [LP74a, BDT77]. **Permutational** [Kry77, Rou79]. **permutations** [PW79, WP79]. **peroxotitaniumporphyrin** [RBDV77]. **perspective** [Bas75, SW79]. **pertaining** [Sal79]. **Perturbation** [ANR75, Ada72a, Ada79, CW78, CT77, DY76, Eps77, IS75, PGQ77, SA77, SS71a, Abd71b, Ahl70, AC70, AM72a, AM74, Amo72, Bar70, BS74a, BS75a, BS76a, BWS77, BP78, BB72b, BB74, BV73, BVS76, BK75c, Brä70, BO79, Bur73, Car72, CJS77, Cla71, Coo79, CSH74, CZ75, Dmi75a, Dmi75b, ES79, ETF79, GZ72a, GS70b, Gra77, Hir70, Hos72, JS77, JBP76, JSC78, JM73, Kle70a, KP78, Kut78, LWA74, Lin78, LPT+74, LG71, MCST72, MMM71, PSK77, PLMB73, SS73a, SS73b, SS70, SC78a, Suz77, TS72, Vla70, Vog79, WRS70, WB76, Wil77b, WS79, Dmi75a, Dmi75b, MLB72]. **perturbation-variation** [TS72]. **Perturbational** [Pie71]. **perturbations** [Bow71, HS76, Mil74, SDM74]. **Perturbative** [DD72, DCM74, DMR74, Dau74, Kau74b, Koc74]. **perturbed** [LA70, Laz78, LZ79, WAL71, Woo72]. **pest** [Wyb73b]. **Petraschen** [Cal73a]. **Petrov** [Jan76]. **PGF** [KD79b]. **PH** [BT78a, SR77]. **pharmacological** [ZG79]. **pharmacology** [Kau77, PT75, Ric77, Van75, Mår78]. **pharmacon** [Höl77]. **Phase** [LP74c, ÖL78, SKW72, ČZ79, DBJ74, Enz73, Lar75, Nel79, NMS77, ÖL79a, Sab73, Sti78, SO77, Tru73b]. **phenanthrene** [Chr73]. **phenethylamines** [PBC74b]. **phenolic** [KPP78b]. **phenols** [DMS+78]. **phenomena** [BEF78, BO79, CK73, LH75, Loc72]. **phénomènes** [Loc72]. **phenoxyacetic** [BC75]. **phenylene** [INI71]. **phenylenediamine** [DT75]. **PHF** [Lun79]. **Phonon** [Men71, ACK+75, HDG71, LW77]. **phonon-plasmon** [HDG71]. **phonons** [MPMK79, TW77]. **phosphate** [LCPP79, PPB78, SLOKP79]. **phosphatidylethanol** [VH75]. **phospholipid** [USK+79]. **phospholipids** [FL79, GH79, PS75b]. **phosphorus** [Cha77]. **photoabsorption** [Fae79]. **photobiological** [CS76, SCYB77]. **photochemical** [Kli79]. **photochemistry** [KBKČD78]. **photodetachment** [ML76]. **photodimerization** [SM79]. **photoelectric** [Ave75]. **Photoelectron** [DH78, Gos78a, KRKŠ78, GML77, Hal75b, KKK70, Kla78, Lun77, PLSL78, Rab77, WJ79]. **photoemission** [Dav77a, Mes73a]. **Photoinduced** [Mar79]. **Photoionization** [LGAM79, Bar79, Chi77, Lan77]. **photon** [MKF77]. **photons** [Ave72, Lin73]. **photoreactivity** [SCYB75].

photoreceptor [Eno76]. **photosynthesis** [Chr79a, CD76, KKKP79]. **phthalocyanine** [MS72b]. **phthalocyanines** [MS72a, MS74]. **Physical** [GB71, GBL+73, HL78a, ML79, Pea74a, Pet77, Coo78b]. **Physicochemical** [KK75, KKK74, Kau79a]. **Physics** [Gos78a, Cal76b, Ess77, Fri72, DV79, Mar73b, Sin73c]. **phytochrome** [SCYB77]. **pi** [NN72]. **picoline** [BKW75]. **Picolins** [BKW75]. **picture** [CSDV78]. **pigment** [Kli79]. **pigments** [MP71a]. **pilocarpine** [Kan74]. **Pioneers** [Par77]. **planar** [Tan74, CSR79]. **plane** [CWE71, Euw71, KMO77, ML76, OKM74, WFS77]. **plane-wave** [CWE71, KMO77]. **plane-wave-Gaussian** [Euw71]. **plant** [BC75]. **plasma** [AJK78, Har75, Hor71]. **plasmon** [HDG71]. **Plenum** [Shu77b]. **Plesset** [BP75b, PKSB79]. **plethysm** [MCM73]. **plethysms** [MVM75, MLM75]. **plots** [SY77]. **PNC** [Tho76]. **PNO** [Bur77, Mey71]. **PNO-CI** [Mey71]. **Point** [BG70, FCL79, MM77b, SC79, ACD+74, CB72, ČPP75, Flu72, Kib75b, KK77b, LP74a, Lét74, PBPL78, RCE75]. **point-charge** [Kib75b]. **Point-group** [MM77b]. **points** [BF78, MR73]. **Pointwise** [Lev78b]. **Poisson** [Sil71]. **polar** [Jør77]. **polarisability** [Sri77]. **polarity** [PS79b]. **polarizabiities** [HTG77b]. **polarizabilities** [ANR75, Ahl74, Ahl77b, Bar77, BSM72, BM73, CG79a, ETF79, GBM74, HH77, HS77, HTG77a, KKW73, LCP76, LG70, Mal71b, MM72b, MMM71, RB77, RB75b, SSH78, TSE76]. **Polarizability** [LP74c, BR72, MCST72, NAR72, RGM75, Zer74]. **Polarization** [BKS79, DM72, Hal71, HCIE75, OJB77, Sti78, Boy70b, CJ73a, CJ73b, KC77, Kle74b, KBKČD78, LW77, MLB72, SSH78, YD75]. **polarizations** [RGM77]. **polarized** [Bor70, Ell77, Fro70]. **pole** [CG78]. **Poly** [PPP79, VU79]. **poly-** [VU79]. **polyamino** [NJF+77]. **polyatomic** [Als73, BBP71, BP74, BP75a, CSFM72, HF72, Jør78, Kle70b, LCP76, LZ77, MMB70, MCF+70, MLB72, Muf76, Plo79, RR72]. **polycyclic** [Mem77, Mem79, PD77, SR78, UP71]. **polycytosine** [LSOC77]. **polyelectronic** [KPJM70]. **Polyene** [AL71]. **polyenes** [KHI79, LV71b, LV72]. **polyglycine** [KL77a]. **polyhedral** [PKK75]. **Polyhedric** [RS78c]. **polyions** [RKE79]. **polymals** [Pos78, Pos79]. **polymer** [DDH78]. **polymers** [ADFL71, ADDLG76, AFD+78, ABD+79, BP73, Del74, DD77a, Par72, PD78a, SKL79]. **polymethines** [FTN77]. **polynomials** [Ra76b, Ra76b]. **polynuclear** [DEE+75, NT79]. **polynucleotide** [SY77]. **polynucleotides** [KP79a]. **Polypeptide** [Urr77, ULM76]. **polypeptides** [Kar78, KL77a, PPC72, Urr78]. **polypolar** [SF75]. **Pople** [JL70]. **population** [Kau70b, KPKC73]. **populations** [KP76]. **porphin** [Alm74]. **porphine** [KTO+78]. **porphins** [MW74a]. **porphyrins** [Han79, MW74a]. **portée** [TBB70]. **Position** [Csa75]. **positive** [BT78a, Csa77b, Sco73]. **possibilities** [IZZ+79]. **Possible** [Tic79, WLS77, Coo78a, Gol70, HPK79, HK74, Kau74a, LSS78, SY77, Wei74]. **potassium** [CD74, Sun75b, Sun74b]. **Potential** [BR75b, Cof74a, Gub79, GBK77b, HL79, HG75, Jai70, Liu71a, ÅSW77, ABD+79, BA78, BNLS72, CL77, CL78, Col79, CG79b, CH74, Csa76, Csa77b,

Csa78b, DR77, DRCT78, DSG74, DEC78, Gás71, HS79, HKP79, HSBD78, HC78, Jor75, KP71a, KD79a, LC77, May78, Meh73a, MVN75, MO77, MS76b, MK72, Moh78, Moh79, NS73, Nee75, OMC76, PPP79, PT75, PPK78, PK71, PD78b, Pol79, PKSB78, PZP79, Rue79, SP75a, SBB79, SB78, SS71b, TN73, TP78, TOED79, WJC70, WM79, MVN75, Wil77b]. **potential-energy** [BA78, Moh78, PD78b, SB78]. **Potentialhyperfläche** [HG75]. **potentials** [Ban74, CM75a, CK73, Con72, DMS$^+$78, DH78, Ell77, FRM74, GPP79, Hal79b, HLGC73, Hun75b, HYL78, KL77b, Nal78, Ner75, Nis77, Ove73, Pai73, PT78, PD77, PK77c, PÖ77, RM74, Sab73, SMH77, SG77a, SJH79, SBM70, TGG79, TS78, TS79, Wei74, WO75]. **pour** [Mar73a]. **Pouvoir** [DQ77]. **Power** [Lau79, BG72]. **powers** [Boy72c, RB75a]. **pp** [Ahl77a, Com77a, Com77b, Sti79, Cal79a, Dun78, Lar78c, Mår78]. **PPP** [BK71, ČPH74, ČPP75, FTN77, KBK72, Mic76b, PČH74]. **PPP-type** [FTN77]. **practical** [SMMA73]. **practice** [Ano78c, Csi76]. **prealbumin** [AJK78]. **precision** [Del74]. **Predicting** [MP75]. **prediction** [BDT77, IMN79, KK74a]. **predictions** [Tru76]. **predictors** [DH78]. **predissociating** [HE77]. **predissociation** [BFR78, BEF78]. **Preface** [CG77, Löw79]. **Preliminary** [BCR$^+$78, BS75c, BSB77, LDP79, BCL77, Meh79]. **Prentice** [Cal76a]. **Prentice-Hall** [Cal76a]. **presence** [Abd71a]. **Present** [DS70a, Ost79]. **Press** [Com77a, Com77b, Lar76, Sab75a, Shu77b]. **pressure** [Bor71, Lib76]. **Price** [Ahl77a, Cal76a, Cal79b, Cal76b, Cal77b, Com77a, Com77b, Dun78, Gos78a, Lar78c, Lin73, Sab75a, Shu77b, Shu77a, Sti79, Ano78c, Gos78b, Mår78]. **primary** [MP75]. **Primitive** [Hir70, Kut78]. **principal** [GCJ73]. **principle** [CH75, Csa76, Csa78a, DR75, Eig78, HHR70, Lim76a, Lip72, Moc73, PBC74a, RCE75, Sre75, You72]. **Principles** [Rab77, CH74, GY75, Lud75, Sun74a, Gos78a]. **prior** [Cof74b]. **Pro** [CBV79, RSK$^+$78, BWRD79]. **Pro-Leu-Gly-NH** [BWRD79]. **probabilities** [BR75a]. **probability** [Ada75b, AC70, Ave75, Hun74, Hun75a]. **Probing** [SY77]. **Problem** [Gal72a, LL70, Aba72, AC76, Abs78, Ada72a, AFD$^+$78, AMJS79, BP78, Col78, Com74, DMR74, ES73a, FU76, Gop76, KPJM70, KBA76, KK76b, LR77, Lud71, Mal71a, MHPS70, Mat74a, Mat76b, Mcd79, MVM75, MLB76, MFRE76, Nor75, Pal75, Per78, RS76, RE70, Sha77b, Sha78b, SMMA73, Shu77c, Sla70b, Ste77, Wes79, ZF76]. **Problems** [Loc77d, AM74, ČP71, Com78, DL75, DSY74, FBL79, Gás71, Kau79b, SPČ79, Ste74]. **procedure** [ADDLG76, BB71, BK71, But76, CM72a, Fro75, GCP79, HS70b, Jak76a, Kau74b, Koc74, Lan77, PD78a, PK75]. **Procedures** [PK76b, BB74, KPPH78, KPP78b, KS75, LB77, MR73, PK77a, PK77b, TRPB77, Wei75]. **Proceedings** [Cal76b, Sti79, BP70, BP71, BP72, BP73, Csi77, Mar73b, Pul78b]. **processes** [CSDV78, Chr79c, Fla79, GP78, Kle74b, Plo79, Rat78, Rei70]. **processing** [Bil72]. **prodines** [LJBN75]. **produce** [KKK70]. **Product** [Meh73b, Ada73, Bri73, Lya78]. **Production** [BS77a]. **products**

[Lét74, MH72]. **Professor** [Sla71b]. **profile** [KK77a]. **profiles** [Kai77, MBM73a]. **program** [BF71, CAMC71, HC72, Jeh73, KSP78, Lin77, SP75c]. **Progress** [Lar78c, Dau77]. **project** [Nes75]. **Projected** [May74b, SDS73, Hur77, LL75, MLB73, May74a, MK75b, MK75a, May78, PČL78, SLB77, SDB74, SDB76, SB78, Van70, SDS73]. **projected-unrestricted** [SLB77]. **Projection** [BL72, Fin73, CHD71, Cro77, LKH77, CE73, KGB77]. **Projections** [GB71, Löw71a, Ahl77b, BÖ78, GBL$^+$73, Löw70, Sar75]. **promazine** [PPK78, PK76a]. **proof** [Rei72b, You72]. **propagation** [LW77]. **Propagator** [OJB77, KPÖ76, PÖ77]. **propagators** [LÖ77]. **Properties** [BH71, GB71, HO73, Löw71a, Ahl77b, AMJS79, BBB73, BN74, BN76, BDP73, BL79, Boy74, Cal75a, CJS77, Chr79a, CS78, DR77, DBBJ76, DMS$^+$78, Del73, DDD70, DD71, GZ72a, GZ72b, GC77, GBL$^+$73, Hin77, JSC78, KMT77, KWC79, Lad74b, Lip72, Löw70, LG71, Mat71a, ME78, Moc74, Mon77, NRS79, Ove73, Pau77, Pet78, PBC74b, PBG76, PD79, Ra76a, Ran79, RL79, SD77, Sch76a, SP79, SZ76, Wei71, WV74, WB73, ZF77]. **property** [Boy70a, De 76, Ran78]. **Proposed** [Kau73]. **propranolol** [KVSG79]. **prospects** [Ost79, Sla73a]. **prostaglandins** [KD79b]. **Protein** [SG77b, AJK78, BCL79, ED79, Lad74a, Lak75, Lew78, Mar79, Meh79, Pet78, PF79]. **protein-containing** [Mar79]. **protein-methylglyoxal** [Pet78]. **proteins** [Abd76, AMJS79, BCL79, Boy74, DAC$^+$79, Eis76, Eis77, GC75, LK78, MME79, PPC72, Pet79, Pop79, PP74]. **protobiological** [Fox75]. **Proton** [Coo79, Coo78a, DBBJ76, DMS$^+$78, GPP73, Gol70, TP77a, NN72, NN74]. **proton-acceptor** [DMS$^+$78]. **proton-proton** [GPP73]. **protonated** [KJ75]. **protonation** [FJP70, Kap73, Lei74]. **Protonisierung** [FJP70]. **protons** [Gia76, HG78, Sal72, TL71]. **prototype** [FTN77]. **proximate** [LPP78]. **pseudo** [BP71, CH74, Kar70b, Kar70c, KFY71, Mil74, SDM74]. **pseudo-aromaticity** [BP71]. **pseudo-eigenvalue** [Kar70b, Kar70c, KFY71]. **pseudonatural** [Pal73]. **Pseudopotential** [RTM77, Sch73a, CH75, LB79b, PF74]. **pseudopotentials** [GG79a, GG79c, GG79b, PGDM77]. **pseudorotation** [BDT77]. **pseudospectra** [Fae79]. **psoralens** [SCYB75]. **psychoactivities** [DH78]. **psychotropic** [DH78, KK74a, KK75, Pur75]. **PtCl** [BBL77, Mes73a]. **pteridines** [Kap73]. **Publications** [Ano78u]. **Published** [Cal73a, Cal76a, Cal73b, Cal75c, Cal76b, Cal77b, Lar76, Lin73, Sab75a]. **Publishing** [Ahl77a, Lar78c, Sti79, Ano78c]. **puff** [AM74]. **Pullman** [Cal73b, Dun78, Shu77a, Sti79, Mem75, Mem79]. **pure** [Lim74a, WRF73]. **Purine** [GRE$^+$77, GJP79, GPP73, KP79b, ME78, SMB$^+$79]. **Purine-purine** [GRE$^+$77]. **Purines** [BP72]. **pyrazine** [HO73, Hin77, PCMS77]. **pyrazole** [KPKC73, PK73]. **pyrene** [AZ72, HKP79, KPPH78, LPP78, LP79c]. **pyrene-7** [LPP78]. **Pyridine** [PK76b, AM72b, HO73, JL70]. **pyridoxal** [AMSS79, WTB$^+$76]. **pyridoxal-p-dependent** [AMSS79]. **pyrimidine**

[CLP79b, GJP79, GPP73, SMB+79, SM79]. **pyrimidinic** [KL79]. **Pyrrole** [PK76b, AM72b, KPKC73, PK73]. **pyruvate** [BC76].

quadruple [BP78]. **quadrupolar** [MMS70, SR72a]. **Quadrupole** [ETF79, BM73, Boy72b, Kot76, LK78, RR72, Tru72]. **Qualitative** [ČPH74]. **quality** [DPGC79, GG79a, GG79c, MYTC77, MDC79]. **Quanta** [Atk74, Atk91, Gos78b]. **quantal** [Ber76]. **Quantenchemische** [HG75]. **Quantenmechanik** [PTUK69, Cal73a]. **quantique** [Loc72, DQ77]. **Quantitative** [Pop79, Pur75, BBL77, DBJ74]. **quantities** [BW73, GMG75]. **quantization** [KL77c, SL79]. **quantizing** [HDG71, Hor71]. **Quantum** [And79, Bul71, CBV79, CGLÖ76, Cal73b, DAP79, FL79, GP74, GT75, Her74, Hos78, KK72, KKK74, KK76a, Kau79a, LH75, LW77, LJBN75, MPN79, PP74, PS75b, Pul76, PC76, Pul78b, Ric77, Sti79, SLOKP79, TPC77, Wal77, WMV77, Ave72, Cas78b, Che71, ČP71, Col77a, Con73, Fox75, Gol73, GM73a, GM73b, GCJ73, GJ76, Hal75a, Hal79a, HS79, HSBD78, Hat75, DV79, INY+71, Jan76, KK75, KG76, KG77, KB77, KKK79, LPP78, LP79a, Lin73, MP71a, Mat72a, MF73, MSP73, MCP73, MPW75, MW75a, Mat76a, Mat76b, MWY77, MW77, MK78, MKT77, Mos73, NB72, Par77, PHL+76, PGQ77, PTUK69, PT75, PGPP79, PS75a, PP71, Pul77, Pul79b, RW75, Red79, Rei70, Ros74, SP75c, Sch71b, Sch71c, Sch71d, Sch71e, Sch76b, SE79, SJ79, Sla79, Sre75]. **quantum** [TP77a, TL72, TWC73, Tho75a, Van71, Wei71, Wei75, WO74, WO76, Wil79b, Wil79a, Wyb73a, BP70, HG75, Loc72, MN79, Sch71c, Lar76, Mår78, Shu77b, Shu77a]. **Quantum-Chemical** [FL79, SLOKP79, MPN79, LPP78, SJ79]. **Quantum-mechanical** [DAP79, Hos78, PP74, PS75b, PC76, TPC77, HSBD78, KKK79, MKT77, PGPP79, Pul77, Wei71]. **quartets** [GHS79]. **Quasi** [BBL72, BBL77, MMB70]. **quasi-localized** [MMB70]. **Quasi-relativistic** [BBL72, BBL77]. **Quasiclassical** [Tru76, Ber76]. **quasidegeneracy** [Wes79]. **quasidegenerate** [Dmi75a]. **quasimolecular** [MFRE76]. **quenching** [AZ72]. **quinone** [SP71]. **quinones** [NT79].

R [Sab75a, MM74, WRS70, FWFM77, You75]. **Rabalais** [Gos78a]. **Radial** [AAC76, Gru70, JBG70, BS70, Ben72, CA72, JG72, JSK75a, JSK75b, RW74]. **radiation** [Cal75c, Hea71, Kob78, Sch71b]. **radiationless** [Plo79]. **radiative** [Bar79, BOP76, LH75, SZ76]. **radical** [Cla70, DT75, HS70b, KR73b, KKM70, Sha77a, Sha78a, TS78]. **radicals** [CDEO76, GPC+71, KT76, KU70, MMB70, MS71b, MLB72, NN72, NN74, SG77b]. **radii** [Ra76b]. **Raman** [DH73, MS71c, Sve79, WS75, WLS77]. **Random** [LP74c, ÖL78, And79, Lar75, Nel79, NMS77, ÖL79a, SO77, Tru73b]. **random-phase** [Nel79, NMS77]. **randomness** [NJF+77]. **range** [Abd71a, AFD+78, Cha71, Dea72, DY73, FY71, GPP73, JBP76, KP71a, Kle79, Koł74, Koł75, Koł76, MCP73, PD78a, RMP71, SKL79, SBM72, SZ76, WMV77]. **rank** [Boy70b, BM71a]. **Rapid** [Euw71, SBB79]. **rapidly** [PW74a]. **rare**

[Fla79, LRJ73, LPT+74, MS76b, RW74, TW77]. **rare-earth** [RW74]. **rare-gas** [Fla79, LRJ73, MS76b]. **rare-gas-halide** [Fla79]. **rat** [JG74]. **rate** [Bar79, BC76, ČZ79]. **rates** [Mat78]. **rational** [Gab76]. **ratios** [Ber75]. **ray** [BS71, CFMO73, FM78b, GK75, GML77, HYL78, Mes73a, TS71, PNJB78]. **Rayleigh** [Amo72, Car72, CJS77, Cla71, Sre75, WB76]. **rays** [Dec70, MFRE76]. **Re** [MMR74]. **reaction** [BC76, BCR+78, BDT77, GTBB77, GBT79, JŻ79a, LPP78, Mag79, Nal78, PK71, PDEB78, PKSB78, Sal79, TB75, TH78]. **reactions** [ČZ79, CSR79, Chr77, Chr79c, FM78a, GBTB78, RW75, TC70, WEH74]. **reactive** [Ber75, Ber76, Hil79, Mic74, Mic76a, Nes75, RW77, Red79, Tru76]. **Reactivity** [WCK+76, CW78, ES73a, Joh77, LP79a, LP79c, Sal72, SS78b]. **real** [Bre75, Fau76, Goł79, Lad75b, Wel77b]. **realistic** [FRM74]. **reality** [Živ77]. **realization** [SP75c]. **Rearrangement** [RB75b, BMM75]. **rearrangements** [BVR78, BDT77, CSR79, TG76]. **Rebane** [WW71]. **received** [Ano70d, Ano70e]. **Receptor** [Ano76e, CT79, Dav77b, Höl77, JG74, Wei75, WCK+76, WO77, WOEG78]. **receptors** [CS76, SCYB77]. **recherche** [Mar73a]. **recombination** [Bar79, Gub79]. **reconstructed** [DS70a]. **recurrence** [JW78]. **Rederivation** [ČP71]. **redox** [LKK+79, DAC+79]. **Reduced** [AC76, Abs78, Bun77, Col78, JTR77, Kry78, LL70, SLM70, Spe72a, SW78, Ano78d, BB71, KP71b, Kry77, Lar79, MW74a, NS75, Spe71a, Spe71b, SW77]. **Reduced-density-matrix** [Kry78]. **reduction** [Per78]. **reference** [BSS78, BKS79, Lar73, Lar78b]. **Refined** [RD79]. **Reflections** [Ano76n]. **region** [BB72a, Mem77, PZP79]. **regions** [ZL78]. **Regularities** [Plo79]. **Regularity** [CS78]. **regulation** [BC75]. **regulations** [SG77b]. **related** [BW73, NN74, OMC76, Wol71]. **relation** [Abd76, CBV79, Cas79, DEC78, KSS73, KC74, LD71, Liu71b, ST79a, WV74, Rob71]. **Relations** [BHM75, JW78, Kau79a, Lan74, ST79a]. **Relationship** [LB77, ZG79, BCL77, DGC77, Kum77, PČL78, PW79, WB76, WP79]. **relationships** [PD78b, Pur75, SJ79]. **Relative** [AS78, BKW75, CS74, JM76b, WJ79, ZR78, ZBH+78]. **Relativistic** [CW76, DS70b, Des72, ES70, MBM73a, RW74, Ros78a, TP77b, WC75a, BBL72, BBL77, BK75c, Cha71, CWE71, Ell77, Koe74, Mat73a, Mat76c, PPI73]. **relaxation** [MG77, SM77, Sch71d, Sch71e, Wen79]. **relay** [TP77a]. **relevance** [Urr77]. **relevant** [TPC77]. **Remark** [INY+71, Bie75, Brä70, BF75]. **Remarks** [Cus75, Rei70, Sin73c, Sis74, SC76b, Wei71, AT75, BVS76, Bry74, Han77b, KSS73, Kau74a, Mar76, Nau77, Nau78, San72, Sch78, SG77c, Exe74, Wij78]. **Reminiscences** [Con73, Pul79c, Tho75b, Van71, SG76b]. **Removal** [CHS77, HT75, SHO71]. **Renner** [PK72]. **repeat** [RU76, RKOU77]. **repetitive** [CBV79]. **replacement** [Mil74, SDM74]. **replication** [Coo74]. **report** [BS75c, BSB77]. **Representability** [Col71, Erd78b, LL70, Col70, Kum77, LD71]. **Representable** [Lar73, Lar78b]. **Representation** [Spe72a, BS76b, BT71, Bow72, LH74,

NM77, Nis77, PGQ77, PS75a, SP75c, Spe71a, Spe71b, SL70, Sti78]. **representations** [BF70, Blo72, Blo73, Boy72c, Cor72, HS79, Lét74, Rei72b, RM72, SS73c]. **Representing** [Gal72a, Lar79]. **Reproduction** [GCP79]. **repulsion** [AT75, HLGC73, JBP76, MM74, Sil71, WN71]. **repulsive** [Csa77b, GBTB78]. **repulsive-dominant** [GBTB78]. **requirements** [NN77]. **research** [Nes75]. **residues** [PPC72]. **Resolvent** [Røe75, BÖ78]. **resonance** [BMD70, Bow71, Boy72b, DL75, EL73, FY79, FB76, GBV77, HE77, KM74b, NTN$^+$79, Pul78b, RSS75, RKOU77, San72, SSM75, Sti79]. **Resonances** [Sim78a, BFH78, Doo78, FHB77, Jun78, KSP78, LKH77, MCW78, NB78]. **resonant** [CG78]. **respect** [KMLB77, SP79]. **response** [Han77a]. **responsible** [BL79]. **Restricted** [Mes78, CDEO76, JD74, Spe71b]. **restriction** [HT75, Kij72]. **restrictions** [Kau79b, SHO71]. **Results** [Col71, Fau76, SK72, BCL77, CS73, Col70, Doo78, GCP79, HKM71, JL74, Min79, PT75, RTM77, Red79, Sch76b, SBD$^+$70, Wei76]. **retarded** [MP71b]. **retention** [BKW75, PK75]. **retinal** [WMB75]. **retinol** [GC75]. **reunification** [Bul71]. **reversal** [VF76]. **Review** [Ahl77a, Ano78c, Cal73a, Cal76a, Cal79b, Cal79a, Cal73b, Cal75c, Cal76b, Cal77b, Com77a, Com77b, Dun78, Gos78b, Gos78a, Lar76, Lar78c, Lin73, Mår78, Sab75a, Shu77b, Shu77a, Sti79, DS70b, CS73]. **Reviews** [Ano74c]. **revisited** [Kle77]. **RHF** [SP77]. **rhodium** [AMC73]. **ribonucleic** [Sun77]. **Riccati** [PW74b]. **Richards** [Mår78, Sab75a]. **Riedel** [Sti79]. **right** [SY77]. **right-handed** [SY77]. **rigid** [GP72, Gra77, Meh78, MO77, SW79]. **rigid-rotor** [MO77]. **rigorous** [FRM74, KPP77, Sim78a, KMO77, SP75c]. **Ring** [Spe72a, NT79]. **RNA** [MP75]. **Roby** [CAA$^+$75]. **Role** [HČZ79, KD79b, KKK79, GK78, Har79b, KBKČD78, Lar79, Lim77a, Mem77, Per78, PDE79, Ros74, LW77]. **roles** [ULM76]. **root** [Sco73]. **rotamers** [BL75]. **rotating** [DLG79]. **rotating-wave** [DLG79]. **rotation** [CK75, Cor72, IM73, KD79a, MEW70, WC75b]. **rotation-vibration** [KD79a]. **Rotational** [FGV77, Ber76, HP77a, SH75b, Web74]. **rotationally** [HE77, MM72a]. **rotations** [Gia73]. **Rotatoire** [DQ77]. **rotator** [Gra77]. **rotor** [MO77]. **row** [Cal74, CP70, DGC77, KP72, NG73, Raf75, ST72, Tho76, Wel77a, Wel77b]. **Rowe** [SD74]. **RPA** [Bre75, Jor73, Lar78a, NS78, SN79]. **rule** [NB72]. **rules** [ČPH74, CD71, HBB77, Hur77, Mat76a, Res78, TB75]. **Runge** [Loh76]. **Rydberg** [FWFM77, Hos72, Mil71, Rob72a, TTS$^+$79].

S [Ahl77a, AS78, Cal76b, OSL77, RS79, BS70, BM73, BK74, DD71, LG75, LAM71, SHR76, Spe70]. **S-state** [BM73]. **S.** [Par73]. **S3** [Duk79]. **Sagamore** [Smi79]. **salts** [AMJS79, DT75, Sal72]. **same** [HMV78]. **sampling** [EH73]. **Sanibel** [Sla71b, Sla73b]. **Sasaki** [Ste77]. **Satellite** [BL77c]. **satisfying** [Kij72, Sch78]. **saturated** [Rou73, Rou74]. **scaling** [Bar78, BFH78, CG78, CG79a, Cas78a, Cas78b, Com78, Doo78, Gás71, Gop76, HS71, HTG77a, NB78, NG73, Nut78, Sim78a]. **scattered**

[BB75, Joh70, JS71, JW72, Joh73, JM76a, Wei74, YJ76]. **scattered-wave** [Joh70, JS71, JW72, Joh73, JM76a, Wei74, YJ76]. **Scattering** [Ada72b, Bal78, Nut78, AD77, Ano79o, BG78, Ber76, BW73, BL77c, BY76, CM72a, CW76, Com78, DH73, Dan72, DC73, Dav77a, Dec70, FFCB79, GGCK79, Gia76, GLS79, Hen79, HYL78, KL78, Kel75, KL77b, LVDC74, Lev78a, Li76, LKH77, Mic76a, Mil71, MMR74, Nes77, PBPL78, RW77, Red79, RK77, SK72, SMMA73, TS71, TOED79, WK73, Wil74]. **scattering-theoretic** [PBPL78]. **SCF** [KT77, KTO$^+$78, KL79, LS74b, ZBH$^+$78, Abs72, ACH72, BB72b, BDP73, BBL72, BBL77, BPTLVM73, CGRC74, CP70, Car74, Cas79, DS76b, DSY74, DK77, Eld73, FP77, GML77, Hil79, HS70b, JD74, JW76, JS77, JS71, JW72, Joh73, JM76a, Kau70b, KPKC73, Kau73, KSP78, KS72, KS75, KK77d, LSOC77, LAV72, Lev70, Lim74a, Lud77, MW74a, MS76a, MR72, Moh77, MG77, MM70, NN77, PCMS77, PPK78, PS70, PK76a, PK77b, PK73, PBG76, PPB78, Sam75, Vla70, WRF73, WMB75, YJ76, ZR78]. **SCF-MO** [MR72]. **SCF-MO-CI** [PCMS77, WMB75]. **SCF-MO-LCAO** [BBL72]. **SCF/CI** [KSP78]. **scheme** [Aro78, BEH77a, Goł79, HR76, JG72, KT77, KM76, KK76c, MG77, Nov73, RK79]. **schemes** [CSFM72, Kau74b, Kut78, MSL73, RC72]. **Schiff** [WTB$^+$76]. **Schrödinger** [Ada73, Amo72, Bal78, BFH78, Car72, CJS77, Cla71, KA76, VB72, WA71, Wel70, Wel71, WB76]. **Schrödinger-Operatoren** [KA76]. **science** [CGLÖ76, Pul79b, Shu77b]. **Sciences** [Cal73b, Bul71]. **Scientific** [Ahl77a, Lar78c, Ano76n, Ano78c, Jan77, Par73]. **scientist** [SG76b]. **SCOPW** [Sco71]. **Scott** [Sab75a]. **screened** [AM74, TN73, WM79]. **Screening** [TPM70, Csa77a, Nee75, Sel75, SIM75, SLC78, YW73]. **screening-charge** [Csa77a]. **SCRPA** [Lar78a]. **Se** [Sch73a]. **search** [Mar73a]. **Second** [KL77c, OJB77, SLM70, Abd71b, BBB73, CP70, HS76, HBE78, KP72, Lau79, MHRS76, MHRS77, Moc74, OCRMLR$^+$71, PLMB73, RM73, SK71, SL79, Vog79, Wel77a, You75, KD74]. **second-neighbor** [MHRS77]. **Second-Order** [SLM70, Abd71b, BBB73, HS76, HBE78, Moc74, PLMB73, Vog79, You75, KD74]. **second-row** [KP72]. **secondary** [BCL79, MP75, Meh79, RU76]. **section** [BG78]. **sections** [Bar79, Chi77, Fae79, ML76, SSM75]. **secular** [Amo71, Hen77, Koe74, Nor75]. **Selected** [Hat75, Moh77, SM73a, SD78, DGC77, SM76b, SM76a]. **selection** [DLG79, HBB77]. **selective** [Tal77]. **selenide** [YR76]. **selenium** [Ald75, VK74]. **Self** [BBP71, Bor70, CWE71, Kar70b, Kar70c, KFY71, Kle70b, Meh78, MM72b, MSM70, MBM71, Sla70a, BKS79, BK75c, DS74, Eig78, Gou73, Hac74, Hal78, JL74, KKW73, KS75, LG77, MMM71, Sco73, Sco74, Sel75, SLC78, Tal77, TGSL70, Vla70, VK74, ZF76, GL74, LG75]. **self-adjoint** [Sco73]. **self-consistence** [KS75]. **Self-Consistent** [Sla70a, Bor70, CWE71, Kar70b, Kar70c, KFY71, Kle70b, Meh78, MSM70, MBM71, BK75c, DS74, Hac74, JL74, KKW73, MMM71, Sco74, Sel75, SLC78, TGSL70, Vla70, VK74, ZF76]. **self-consistent-field** [BKS79, Hal78, LG77]. **Self-correlated** [GL74, LG75]. **self-diffusion** [Tal77]. **self-organization**

[Eig78]. **Semi** [BBL77, WJC70, CAMC71, Dub72, LÖS73, NMS77, PK75, RT77, San71, San72, Sch76b, SMH77, SG77a]. **semi-ab** [PK75]. **semi-classical** [Dub72, Sch76b]. **Semi-empirical** [WJC70, BBL77, CAMC71, LÖS73, NMS77, San71, San72, SMH77, SG77a]. **semi-infinite** [RT77]. **Semi-quantitative** [BBL77]. **Semiclassical** [Ada75b, FL79]. **semiconductors** [CD78, CJCM73, Csa76, Csa77a, Csa78b, DT75, FCL79, RD79]. **Semiempirical** [HLGC73, JPTM78, KHI79, PL79, PT78, ABM78, AT75, BOP76, Cof74a, NS78, PLYM78, RL79, SN79]. **Semiorthogonalized** [Kas76, KT77]. **semiquantitative** [Hal75b]. **seniority** [MLM75]. **sensitizing** [SCYB75]. **separability** [Ada75a]. **separable** [Ban74]. **separated** [LE72, RC70, RC71, RC72, Sal73, SPČ72]. **separated-electron** [LE72]. **Separated-Pair** [SPČ72]. **Separation** [Lan73, GZ72b, GP79, KKKP79, Ra76a, Zer74]. **separations** [RMP71]. **Sequence** [BG70, Ell73, AC70, AS78, BSM72, BK74, MP75, MMS70, MM72b, PL77, SK71, SK72, SA77, TTS71, Tat73, Van72]. **Sequence-adapted** [Ell73]. **sequences** [BG72, RSK$^+$78]. **sequential** [Muk75, Urr78]. **Serber** [Pau77]. **Serber-type** [Pau77]. **série** [Mar73a]. **series** [BG72, ČZ79, DDH78, Gos78b, Jak76b, Mar73a, PD78b, ZG79, Cal75b]. **Serotonin** [WO77, WOEG78, WCK$^+$76]. **session** [KKK70, Pos70]. **set** [ÅSW77, Aba72, Bur77, CHS77, CG79b, Cur78, DRCT78, DLG79, Euw71, FGV77, HS70a, Mal71a, Mcd79, RPK78, Sol73, SSH78, RS78b]. **sets** [Abs78, Dah78, DPGC79, ES79, Fin73, KB77, LCK76, MYTC77, Pel77, SWN78, SBM72, SC78b, TB74, Van74]. **Several** [Bar70, Kau79b, MCST72]. **Sexena** [Ahl77a]. **SH** [KPD78]. **shape** [BMD70, CA73, HMV77, HMV78, RR77, SC73]. **shaped** [WO75]. **shapes** [Fox75, ST72]. **Sharma** [JW78]. **Shell** [CGRC74, APČ77, BW76a, BS78c, ČP72, CDEO76, CV73, DK77, Fae79, FP77, GBT79, GHS79, GBM74, GRM75, Hen76, Hil79, HP77b, JD74, JBP76, KC77, KBK72, Lai73, Lar75, Lar78a, Lin78, MMB70, MW75b, MLB72, MM72b, MDS75, MMM71, Muk75, MMM75, NN74, Nel79, Nes77, PAČ77, PT78, PAM75, RGM75, RGM77, SM73a, SM76b, SM76a, SD78, SH73, SPČ79, SS73a, SS73b, Sin75, Spe71b, SO77]. **Shells** [Bee76, JBG70]. **shielding** [BM73, GBM74, GRM75, LZ77, MMM71, PGPP79]. **shift** [DV79, MP71a, SKW72]. **shifted** [CT77]. **Shifting** [SH73]. **shifts** [BK77, Ema74, GML77, Kot76, Sab73]. **short** [HK74, JBP76, JM76b, LS72, SKL79, TBB70]. **Short-distance** [TBB70]. **short-range** [JBP76, SKL79]. **showdomycin** [SMP77]. **SHS** [Sab71]. **side** [RBDV77]. **side-on** [RBDV77]. **sigma** [CP70, Koł76]. **sigma-bonded** [CP70]. **sigmatropic** [BVR78]. **SiH** [BT78a]. **silane** [DPGC79]. **Silbey** [CJS77]. **silicon** [DPGC79, MYTC77]. **similarities** [KM72]. **Similarity** [KP76, RW79, Sch78]. **Simple** [PS73, Pel77, PP71, Spe72a, TS72, APČ77, ČP77, FTN77, GLS79, GMG75,

Han77a, KM74a, Lad74a, LDP79, NMS77, PČL78, PGQ77, Pet77, PKSB78, RTS74, SPČ79, Sch72, Sol71, SS77b, TW77, Hal78]. **simplest** [HPK79, VB72]. **Simplification** [Lét74]. **Simplifications** [BL77a, BL77b]. **Simplified** [CP70, GV77, BFR78, Rei72b]. **simulate** [CEK72]. **Simulated** [DEE+75, CDEO76]. **Simulation** [Bai74, Pol79, NGR+77, RC78]. **simultaneous** [Goł79, Vla70, Wel76, Wel77b]. **sine** [WO75]. **sine-shaped** [WO75]. **Singer** [Pos78, Pos79]. **Single** [Rat71, Ada72a, Ada79, BS77b, BS78a, BM74, CC79, CM76, Gre71, Mil74, Muk75, PAM75, SD79a, SDM74, SLC78, SC79]. **single-center** [PAM75]. **single-centered** [Mil74, SDM74]. **single-electron** [Ada72a, BM74]. **single-parameter** [SD79a]. **single-particle** [Ada79]. **Singlet** [BB75, TSE76, BP75a, MW74a, MCST72, NT79, PCMS77, SMB+79, SDB74, TH78, SDS73]. **singlets** [GHS79]. **singly** [Csa79a, LAM71]. **Singularities** [BG70, CHS77, CB72]. **SiO** [BEF78]. **Site** [Flu72, AMSS79, CW78, GbK77a, Höl77, Kap73, Kle77, KGB77, PD79, SS79]. **sites** [LK78]. **six** [AMC73, Jol79]. **six-coordinate** [AMC73]. **six-parameter** [Jol79]. **sixtieth** [Cal75b]. **size** [BS77b, BS78a]. **size-consistency** [BS77b, BS78a]. **sizes** [DGC77, Kau73, MDC79]. **Skillman** [HC72]. **skin** [SCYB75]. **skin-sensitizing** [SCYB75]. **Slater** [BR78, BS74a, BS76a, BSZ78, BPTLVM73, Bre73, Cha77, ERW75, GMZ73, LS70, LS71, Lec76b, MH72, SR72b, Sam75, ST70, SS71a, SR72c]. **Slater-type** [BS74a, BS76a, SR72b, ST70, SR72c]. **slow** [Gia76]. **Small** [Com77a, Com77b, Vla70, BB72a, CODM77, GJLL75, HS70a, Hur76a, Hur76b, KPP77, LGR73, Mul74, Pos70, Sim79]. **Smooth** [Thu75, Sha71]. **SN** [KKA78]. **SOCL** [GH72b]. **sodium** [Ber73, Bor70, BK75b, CD74, Col79, HCIE75]. **software** [WH75]. **solid** [FBL79, DV79, LW77, Muf76, Nam75, Sla71a, SR72c, SP75d]. **solid-state** [DV79, Sla71a]. **solides** [KMO77]. **solids** [ADFL71, Bor71, Bre75, Car75, Dec70, Fau76, Joh73, JMP78, PBPL78, Sco74, Sla75, Wen79, ZF77]. **Solitons** [Dav79]. **Solution** [MHPS70, Ada73, BEH77b, Csa79a, DSY74, FW75, HS75, JM73, Koe74, KK76b, Kun78a, Ner76, Nor75, Pul77, RRNS75, SD77, WA71, ZF76]. **solutions** [Cal79c, ENRM78, FG79, Fro79, KKA78, Kho79, Lai73, Mes79, Tal77, TTN76, Živ77]. **Solvation** [SAM79, WN78]. **Solvent** [AZ72, FSV79, HPW79, LCPP79, RC78]. **Somatostatin** [MDA78]. **Some** [AT75, BS75a, BVS76, ESR74, GSE78, GK76, HC78, Jai70, KSS73, LKK+79, Löw70, Löw71a, Löw77, Mes73b, Nal78, Oda73, PD78b, San72, Sch78, Spe72a, SG76b, Vol79, Wei75, AMSS79, BG76, BYB79, BM74, BS75c, CK75, Cha77, CL73, DDH78, Doo78, DT75, JL74, KMT77, KR73b, Kum77, Lai73, LM72, MS76a, MR72, Mor75, Muk74, NN72, Nis77, PGQ77, PS70, PD77, PDE79, PK77c, RMB78, Ros78b, RD79, Sha77a, Sha78a, SKW72, Sim77b, Sto71, SL73, SBD+70, Tho75a, TP78, WN78, DEC78, ED79, RTM77, SW78]. **Sons** [Cal79b, Cal75c, Dun78, Shu77a]. **Space** [GGCK79, Spe72b, Bee72, BS70, BS76b, Cli73, GHS79, HY78, KC74, Lan77, NM77, SP75c, Sla70b].

space-dependent [Cli73]. **space-spin** [KC74]. **spanning** [Bee72]. **spatial** [AMSS79, Gal74, MPN79, Rou79, ZG79]. **spatially** [Csa76, Csa78b]. **special** [Mag79, Pau77, WV74]. **special-pair** [Mag79]. **Specific** [Gol70, AMSS79, BL79, Jeh73, KMT77, Lar79]. **specificity** [PL77]. **spectra** [AeAs78, BCL79, BL77c, BEF78, CW77, DH78, GGJ77, GPC+71, GK75, Hal75b, Kib75a, KJ75, KS79, LV78, LGM77, LBÅF78, Lun77, MS71b, MR72, MK72, NT79, PNJB78, SLB77, Sch71e, SM79, SK79, Van72, WK73, Wój76, Woj78, LBÅF78]. **Spectral** [BHM75, Boy74, BF75, CS72, Ra76b, BFH78]. **Spectroscopic** [Kli79, TPM70, KKK70, WB73]. **spectroscopy** [Bas78, Feu77, GC75, KKK70, Kla78, KRKŠ78, MKF77, Mic76b, Pul78b, Rab77, Sti79, WS75, Gos78a]. **spectrum** [BHLM78, CS78, FHB77, GML77, HG78, HDG71, Oni79, VG78, WJ79, Wan79, WFS77]. **Speed** [DMS+78]. **sphere** [GH72a, Kau73, SC76b, Wei76, YJ76]. **spherical** [AF73, ADDLG76, FHP70, HP77b, Kat72, RR77, RMB78, RK76, Sch77b, SR72c, TL71]. **spherically** [Csa77b]. **spheroidal** [SP74]. **sphingomyelins** [PC76]. **Spin** [BP74, BOP76, BK75a, Joh77, Kau79b, Kle74b, KT76, KR73b, Lim75a, MS71a, MF73, MSP73, MCP73, MPW75, MW75a, Mat76a, Mat76b, MWY77, MW77, MN79, MLB73, May74a, May74b, MK75b, MK75a, May78, MK78, Sar75, SD79a, SM71a, SM71b, SM71c, SK73, SS73a, SS73b, TH78, APČ77, BP75a, Bor70, BK75c, CL73, CDEO76, DL75, Dav74, Fro70, GTG76, GJLL75, GJ76, Hal75b, JMM71, JSK75b, KR73a, KTO+78, KPJM70, KC74, KGB77, Kle79, LED73, LD73, Laz79, Lim74a, Lim74b, Lim76b, Lim77b, MM74, Mat72a, MCF+70, MLM75, Mes73b, MLB72, MS75, NN72, PAČ77, Pau77, Sha77a, Sha78a, SL70, TB73, VF76, Har79a, MSP73, MPW75, MW75a]. **spin-adapted** [Dav74, VF76]. **spin-density-functional** [GJLL75, GJ76]. **Spin-Dependent** [MK78]. **Spin-Extended** [KT76, Mes73b]. **Spin-forbidden** [TH78]. **Spin-Free** [Mat76b, MW77, MN79, SD79a, MF73, MSP73, MCP73, MPW75, MW75a, Mat76a, MWY77, SS73a, SS73b, KPJM70, KC74, Lim74b, Lim75a, Lim76b, Lim77b, Mat72a, MK78]. **Spin-only** [MPW75]. **Spin-Orbit** [BOP76, BP74, BP75a, BK75c, Hal75b, JSK75b, MM74, MCF+70, SM71a]. **Spin-orbital** [Joh77]. **Spin-other-orbit** [SM71a, SM71b]. **spin-polarized** [Bor70, Fro70]. **Spin-Projected** [May74b, MK75b, MK75a, May78]. **Spin-spin** [MS71a, SM71c, MM74]. **spin-wave** [CL73]. **spinfree** [Lim75b]. **spinless** [DR77]. **spinors** [CW76]. **spins** [HLMV77]. **split** [SM73a, SM76b, SM76a, SD78]. **split-shell** [SM73a, SM76b, SM76a, SD78]. **splitting** [Har71c, HP77a, Kot76, MS71a, SM71a, SM71b, SM71c, WN71, BP75a]. **splittings** [BFS73, BB75, LK78, NN72, NN74]. **Springer** [Cal79a, Cal77b]. **Springer-Verlag** [Cal79a, Cal77b]. **Square** [RSS75, And79, Sco73]. **squares** [BT71, HS75]. **stabilité** [JM76b]. **Stability** [Lai73, MK76b, Bur77, Coo78b, JM76b, LÖS73, LRJ73, LPT+74, MHA70, Lai73]. **stabilization** [HK74, KSP78]. **stabilized** [MS71b]. **stable** [Hat75, RS79]. **staggered** [Hub71]. **standard** [RS78a]. **Stanton** [TB75]. **Stark**

[BK77, CHH+78, Rei76]. **starting** [ACD+74]. **State** [LÖ77, NM77, ÖL78, Abd77, Bar77, BWS77, BN76, BJ73, BS70, BM73, BP75b, BCL77, Bow72, BK74, Bra79b, Bun77, Cal72, Cal74, CR72, CKD73, Dav77b, DD71, FWFM77, Fro75, GBV77, GL74, Hal79b, HE77, DV79, HMC71, Ive74, JŻ79b, KR73a, Kap79, Kar78, Koł74, Koł75, KÖ71, Kut78, LH74, Lar75, Lar78a, Lar78b, Lec76a, Lec76b, Lib76, LKH77, Lin77, LG75, LHK77, MME79, Man77, Mat79b, MM72b, MSM70, MBM71, Muk74, Mul71a, Nis77, ÖL79a, RS79, Ros78b, SK71, SK72, SA77, SH75a, Sin73b, SD70, Sla71a, SGM78, Tan74, Tat76, TSE76, Tru73a, Tru76, WRS70, Wil77b, WB73, PČH74]. **statement** [AFD+78, Lon75]. **States** [Spe72a, Abd71b, AM77a, AS78, ADFL71, BSS78, BKS79, BP75a, Ber73, BL79, BF71, BS75c, Boy72a, BS78c, CSFM72, ČPH74, ČP77, CESW70, DRCT78, DS76b, DS70a, DS70b, DT72, De 78, DD77a, DC75, Dmi75b, DMM75, ES73b, Fau71, Fau76, GV77, GB75, GL74, Hal75b, HNT78, Hat75, HS70b, HT75, Hos72, IS75, KR71, KR76, KKW73, KTO+78, KSP78, Koł76, Kun78a, KOW78, Kun78b, LD71, Lim74a, LV71c, LS79, LAM71, MW74a, MCST72, MCF+70, MCM73, MLM75, Mil71, MMS70, MG77, Muf76, Mul71b, PČH74, PCMS77, PS70, Pie71, Pop71, PLMB73, RB77, Rit76, Ros78b, RT77, SMB+79, SP75a, SC76a, Sim78c, SH75a, SHR76, Sin75, SDB74, SCYB75, SCYB77, Spe70, SS77a, SS77b, SK79, Sto71, Tan74, TTS71, Tat73, TTS+79, TNB79, TS72, Urr78, WS75, WMB75]. **states** [WK73, You72, YD75, SPČ72, SDS73]. **Static** [INI71, Moc74, GBM74, GRM75, HS71, MCST72, RGM77, WO76]. **Stationarity** [CG78]. **stationary** [Com78]. **Statistical** [MM77a, SW70, SW71, Gol73, Han75, KR78, Lin71, Cal79b]. **statistics** [TB73]. **status** [DS70a]. **steady** [BCL77, Dav77b]. **steady-state** [Dav77b]. **steering** [KSL76]. **stentorin** [SCYB77]. **Stephen** [Cha71]. **stereoregular** [DD77a]. **stereoselection** [Fuk70, Fuk75, Cal77b]. **steric** [Tic79]. **Stickstoff** [BKW75]. **Stieltjes** [Lan74, Lan77]. **Stieltjes-integral** [Lan74]. **STO** [CHS77, JW78, Mar73a, Pel77, ZSR79]. **STO-3G** [ZSR79]. **stochastic** [ESG79]. **storage** [Bil72, MHH74]. **Störungsrechnung** [Ahl70]. **STOS** [Wel77b]. **STP** [Eng72]. **strain** [BMD70]. **strength** [AC70]. **strengths** [CM78, GBV77, Lar78a, Sin73a, WM79]. **stretch** [SS71b]. **strip** [JG74]. **Strong** [Lun77, KK77c, LL73, Loc77d, SRE+79, Shu77c, Pet78]. **strong-field** [KK77c]. **strongly** [Kle74a]. **Structural** [Boy74, Chr79a, Enz73, Mof79, RW79, RU76]. **Structure** [BC75, LL72, Lei74, ÅFL78, AF73, AMSS79, AL71, BT78a, BK77, BCL77, Bur77, CBV79, CGLÖ76, Car75, CJ73b, CR72, Col77b, Duk79, EP71, Erd78a, Fin73, FBL79, FWJ+79, FSV79, FRM74, Fro74, GSE78, GK75, GML77, Har78, HS70a, Hin77, HK74, Hop78, HT75, JR74, Joh75, eAJ76, KK74a, Kau79a, Kel75, KKA78, KJ75, KL77a, KC74, KU70, KVSG79, KMO77, Lad74b, Lad75a, Lad75b, Lad76, LSOC77, LSS78, LVDC74, LP79a, Lay77, LFF79, Lev78a, LE72, LM72, LÖS73, LK78, Lud75, Lun79, MW74a, MPN79, MS72a, MS74, MF73, Meh79, MHWC78, MHW78, MR72, MOV75, Ove73, Pai71, Pai73, PN71, Pea74a, Pet77, PNC+78, Pul77, Pur75, Ran78, RL79, SMB+79, SP74,

SP75b, Sch73b, Sim79, SJ79, SJH79, SR77, SCYB75, Spe71b, SM79, SK79]. **structure** [Swi71, TB74, Tho76, Ukr72, Van75, Wil79b, Wit72, ZG79, ZF76, LL72, Lei74, Shu77b]. **structure-activity** [Ran78]. **structure-property** [Ran78]. **Structures** [Boy77, ABD+79, BNLS72, BCL79, Con70, FY79, GK78, Har70a, JW72, JNŽ72, Kan74, Kry78, Lad74a, NG73, Pri75, SL73, USK+79]. **studied** [ÅFL78, BF78, HLMV77, KVSG79, LBÅF78, MSSF79, TGSL70]. **Studies** [Cal75b, Hos72, LCPP79, LG71, TB78, Ald75, BK77, BCL77, BVR78, Bur77, Cur78, GZ72a, GZ72b, GL74, HR79, Har75, HG75, JE79, JS71, JG74, KKK74, KK75, KN79, Kli79, KMO77, LPP78, LP79a, LG75, LGR73, Meh79, MHA70, MS76b, MCW78, MHH74, PL79, PLSL78, PKSB79, PP74, Pul74, PS75b, PBG76, PC76, PD79, RW75, RRNS75, RSK+78, Rou74, SMP77, SS79, SS74, SS78a, Sim77b, SH75a, SHR76, Sti78, TGG79, TW77, PCMS77]. **Study** [CR72, DPGC79, FFCB79, Jai70, KU70, Res78, AeAs78, ABM78, BB74, BM74, BBA73, BSB77, CBV79, CS73, CEK72, CLP79a, CLP79b, DGC77, DAP79, ES70, Fro75, GC77, HLYC77, HL78b, KM74a, KL78, KC79, KHI79, KD74, KL77a, KPD78, KS79, KJ78, KP79b, LED73, LDP79, LP79c, LP79b, Lec76a, LCK76, LE72, MMS70, MBM73b, NPL+79, NI70a, NI70b, NTN+79, NS79b, Nor75, OSL77, PLYM78, PKSB78, PGPP79, PA74, PB77, PGDM77, PPB78, RW79, RMB78, Rob72a, SD79a, SD70, SR77, SC78a, SC73, Spe73, SP71, TS71, TP77a, TTS+79, TWC73, TB74, TRPB77, VG78, WRF73, Web74, WLS77, WK73, Boy77, GML77, LCPP79]. **Sub** [Sim78c]. **Subduction** [SD79b]. **submolecular** [Sun75a]. **subspace** [Sre75]. **subspaces** [Jan76]. **Substituent** [BS79, KC73, Mil74, SDM74, Tic79]. **substituents** [MK72]. **Substituted** [Boy77, DH78, Fog71, GBS70, Kap73, MR72, NTN+79, PLSL78, Rou73, Sha77a, SS78a]. **Substitution** [HG75]. **substitutions** [KMLB77]. **substrate** [SS79]. **Subsymposium** [Ano79o]. **subsystem** [Mil74, SDM74]. **subsystems** [FTN77]. **subunits** [Fin73, Pol79]. **Successive** [GS70b, MK75b]. **Sudden** [Bow79, KBKČD78]. **Suggested** [Pea74b, Kau74b]. **suggestion** [Mem77]. **suitable** [BB73, Gia73]. **sulfide** [ES73b]. **sulfides** [Mat76d]. **sulfur** [Ald75, BP75a, KC77, TNB79]. **sulphate** [HS70a, JS71]. **sulphur** [Cha77]. **Sum** [RB77, Res78]. **Sum-over-states** [RB77]. **summary** [KM72]. **sumrule** [BB71]. **super** [Amo71, Nor75]. **super-secular** [Nor75]. **super-secular-equation** [Amo71]. **superconductant** [PP79]. **superconducting** [Mat76d]. **Superconductivity** [Mat71b, Mat72b, Mat73b, Mat74b, Mat75, Mat77, Mat79b, ACK+75, Cli73, MM77b]. **superdelocalizability** [Mem75, Mem79]. **supermolecule** [GCP79, OSL77]. **superoperator** [BÖ78]. **Supplement** [RWFS71, Sab75a]. **support** [BDT77]. **supported** [KGB76]. **Surface** [SK79, BR75b, DS70a, DT72, DEC78, Kai77, KP71a, KW76, MO77, RT77, SKW72, SC73]. **surfaces** [BNLS72, BFH74, KKW73, Lin77, Moh78, PBPL78, PN71, PKSB78, Sim79, SB78]. **survey** [Sim77b]. **susceptibilities** [BBT71, Ema74]. **susceptibility** [Hal73, PLSL78]. **suspected** [KPP78a]. **SW** [MS76a]. **symbols** [BW76b, But76, BW76c]. **Symmetric**

[Gal72a, Csa77b, DMM75, Goł79, Jør78, Kun78a, KOW78, Kun78b, Lim77b, Liu71a, Sch77a, Sch73b, Sla70b]. **symmetrical** [Moh78]. **Symmetries** [Gal74, Mat76d, KGB77, MWY77, Oda73]. **Symmetrischer** [Sch73b]. **symmetrized** [Boy72c, VK74, Wyb73a]. **Symmetry** [Bee76, BBT71, BH71, BB73, De 76, Eld73, GP78, GÖ68, JSC78, Kle70a, KC74, LP74a, LP74b, Ran79, Amo71, BF71, Boy70a, DM72, DK77, Flu72, GSE78, GP72, Han75, JPTM78, Kat72, KD74, Kau79b, Kle74a, Kry77, Kut78, Lar79, Laz78, LZ79, Lim76a, LG71, MK76b, MM77b, Ros78a, Rou78, Rou79, GÖJ+73]. **symmetry-adapted** [Kut78]. **symmetry-lobe** [Rou78]. **Symposia** [Cal73b]. **Symposium** [Pul78b, Sla71b, Sla73b, Sti79, BP70, BP71, BP72, BP73, Lon73, Ede70]. **synaptic** [Wal77]. **synthesis** [Gab76]. **System** [Spe72a, AM72b, BZSD79, BS75c, Bra79b, BS78c, CS72, HL79, HBE78, HG75, HP77b, JBP76, KR76, KP71a, Lad75a, Man77, May74a, PČL78, PHL+76, Res78, Sre75, SP79, TBB70, WH75]. **systematibus** [BP79]. **système** [TBB70]. **systems** [ACG74, AM72b, Bai74, BA78, Bar70, BB72c, BEH77a, BEH77b, BFH78, BL77d, CP70, Cho79, ČP71, ČP72, ČPP75, ČP77, CK74, CKI75, CII79, ESG79, GOK79, GP74, GBS70, GL74, GBM74, GRM75, HHR70, HS79, Hat75, Hea71, HG75, HR76, IS75, JMM71, JM76a, JPTM78, JS70, JL74, KL75, KPP77, KKP77, KMT77, KL77c, Lai73, Lar79, Lat77, Lin78, LRD+77, LRD+78, LG75, May74b, MK75a, MS76a, Mic76b, Mil74, MBMM79, MPMK79, MMM71, MMM75, NS75, NB78, Oni79, OSL77, PT78, Pea74a, Per78, PGQ77, RMB78, RGM75, RB75b, SN79, Sar75, SPČ79, SM77, SDM74, SS73a, ST72, Sol71, SO77, TS71, TP77a, TL71, VB72, WOEG78, YG77, SS73b, SDS73]. **Szent** [Lak76]. **Szent-Györgyi** [Lak76].

T [Sab75a]. **table** [Oda73]. **Tableau** [Gal72b]. **taking** [MCF+70]. **Tamm** [DS70a, HU74, Lar78a]. **targets** [Gia76, GLS79]. **taurine** [CS74]. **tautomer** [ZR78, ZBH+78]. **Tautomerism** [CLP79a, CLP79b, ZSR79]. **tautomers** [HLYC77]. **Tc** [MM77b]. **Tchebycheff** [Lan77]. **TCNQ** [DT75, ÅFL78, CHHS74, HRBB76, Joh75, Lad75a, LRD+77, LRD+78]. **TCNQ-TTF** [Lad75a]. **Te** [Sch73a]. **Technique** [BL72, BPTLVM73, AFD+78, ABD+79, BF78, CHD71, ČP72, CDEO76, Dan72, GS70b, HLMV77, HPK79, KPPH78, LS74b, MSKM77, Mil74, Muk75, Ner76, PW74a, Røe73, Røe75, SDM74, Sun75a]. **techniques** [ABM78, Che71, DD72, FB76, GGCK79, JS77, PBC74b, Pul77]. **Teller** [Ham71, INI71, MSSF79]. **Temperature** [Tal77, ACK+75, MSSF79, PBC74a]. **temperatures** [AMJS79]. **tempered** [Raf75]. **Tempering** [Pos79]. **template** [Gab76]. **ten** [DSC+77]. **ten-electron** [DSC+77]. **tensor** [KK74b, KK77c]. **tensors** [Boy70a, Boy70b, BM71a, BM71b, BO73, BS74b, Ell73, IMN79]. **teratogens** [KPP78a]. **term** [Cha71, Koc74, WJC70]. **terms** [Ada73, AF73, CSFM72, CD71, FTN77, GC77, JPTM78, MCF+70, MCM73,

NY75, PS75a, WS79, ZL78]. **ternary** [Mat77]. **Test** [KT77, Kij72, PK75, BS78b, ČZ79, NJF+77, PS73, GJ76]. **tests** [MMD78, Sin75]. **tetracyanoquinodimethane** [DT75]. **Tetrahedral** [Pos77, SC78b]. **tetrahedrally** [JMP78]. **TFD** [Sla75]. **their** [Ano79o, BT78a, BO73, DBBJ76, DEC78, GK78, GM73a, GM73b, GPC+71, HBB77, HS79, KL75, Kau70a, KKK74, Kau76, Kla78, Lar78a, Mar73a, Pau77, PKSB78, PK77c, SMB+79, Sin75, SR78, SH75b, TBB70, Tho76, ULM76, Urr77, USK+79, WK73, WCK+76, GK78, Sla79]. **theorem** [BEF78, BFH78, Chi77, CT77, CD71, FHB77, Gop76, Lan73, LH76, Mil74, MDS75, Nal78, NRS79, Rei72b, RCE79, WO74, WO75, WO76, CAA+75, SC76a]. **theorems** [Dal79, Lev78b]. **theoretic** [Ber76, BDT77, KKP77, PBPL78]. **Theoretical** [BB72c, GZ72a, GZ72b, GBS70, HPW79, IMN79, Kau77, KN79, KJ75, KS79, KJ78, Lar78c, LP79c, PBS76, Rat78, RRNS75, SS79, SP71, VG78, WOEG78, Woj78, WB73, BB75, Boy72b, Cal76b, CSFM72, Con70, CD71, GS70a, JVM78, KR76, KKK74, KK74a, KK75, Kau76, LDP79, LP79b, LAM71, Mar73b, MCF+70, MCM73, Nes75, Nov73, Ran78, RW79, Sha77b, Sim77b, SS78b, SR77, UP71, WMV77, CLP79a, CLP79b]. **theoretically** [JŻ79b]. **Theorie** [Mar73a, Loc72]. **theories** [ANR75, BB73, CA78, Feu77, FGV77, PKSB78, PKSB79, PS75a, WB76]. **Theory** [BN76, BMD70, BFH78, Bra75, Bra76, CGRC74, Chr79c, Cla71, Com77b, Coo74, Coo78b, Csi76, DSC+77, Fuk70, Fuk75, JBG70, Oni79, RKE79, Sch77c, Wój76, ZV79, AC70, Amo72, AFD+78, ACH72, ACD+74, Ave72, BFS73, Bal71, Bal78, Bar70, BRS+75, BS74a, BS75a, BS76a, BWS77, BP78, BB72b, BV73, BP72, BVS76, BMM75, BP75b, Blo72, Blo73, BDT77, Bow79, Brä70, BO79, Bra79a, Bur73, Car72, CFHS77, Car74, ČZ79, CW76, CT77, CL73, Chr77, ČP71, Csa79b, Csi77, Dav77a, DT72, DH76, DY76, Dmi75a, Dmi75b, Dub72, ES73a, Ell73, Eps77, ES79, ETF79, Fae79, FP77, FY71, Goo76, GS70b, Hal78, Hal79b, Han70a, Han77a, HS79, Har78, Har79b, HBE78, Hen76, Her74, Hir70, Hos78, Hur76b, IS75, JD74, Jam70, JS77, Joh70]. **theory** [JNŽ72, KL75, Kap79, Kib75a, Kle70a, Kle77, Kle79, KR78, KP78, Kry78, KS72, KS75, KK77d, LL76, LH75, Lar73, Lar76, Lar78c, LWA74, Laz78, LZ79, Lev78a, Lim76b, LÖ77, Lin78, Lin73, Loc72, LPT+74, LG71, Lun75, MKF77, Mar73a, MF73, Mat76a, Mat78, MN79, Mat79a, MCST72, Mem75, Mem79, MW75b, Mic74, MMM71, NI70a, Naz72, PP79, PGQ77, PTUK69, PN76, PSK77, RR72, RSR72, Ram78, Red79, RCE75, Rob71, Rob72b, Ros74, RK76, Sam75, SF76, SLB77, Sch71b, Sch71c, Sch71d, Sch71e, Sch76b, Sel75, SMH77, SG77a, SDM74, SS73a, SS73b, Sin75, Sla71a, SJH79, SMW71, Suz77, SG76a, Tho75a, Tri77, TB75, TOED79, Tur74, Vla70, Vog79, Vol79, WN71, Wil74, Wil77b, Wol71, Ber75, IZZ+79, JMP78, NN77, Cal76a]. **Theory** [Ano78c, Cal77b]. **there** [Sey76]. **thermal** [Mat78, NJF+77, SWF79]. **Thermodynamic** [CII79]. **Thermodynamics** [Por78, Van75]. **Theta** [LV71b, LV72]. **Theta-Function** [LV71b, LV72]. **thioridazine** [KK76a]. **thiouracils** [GJP79]. **Third** [BWS77, Cal76b].

Third-order [BWS77]. **Thomas** [Bie75, Csa77b, Csa79a, Csa79b, DH76, GY75, Goo76, GGJ75, Han70a, Han77a, Lun75, WC75a, YG77]. **Three** [RW75, Bal78, CK73, HR79, Koł76, LG75, LPT$^+$74, PČL78, RL77, Red79, RC72, ST72, ST70, SS71a]. **three-body** [Bal78]. **three-center** [HR79, LPT$^+$74, ST70]. **Three-dimensional** [RW75, CK73, Red79]. **three-electron** [LG75, PČL78, RL77, SS71a]. **threshold** [Mes79, Sim78c]. **through-water** [PPB78]. **thulium** [AD77]. **thymine** [GJP79, ZR78]. **Thyroxine** [AJK78]. **Ti** [BL77c]. **TiC** [GK75]. **TiCl** [EP71]. **TiCo** [PN71]. **TiFe** [PN71]. **Tight** [CZNL70, CD74]. **Time** [Gol73, JL70, Moc73, NB78, Sch71b, Sch71c, Sch71d, Sch71e, VF76, BF75, Han70b, Man77, SB75, WA71, Jam70]. **Time-Dependent** [Sch71e, Gol73, JL70, Moc73, Sch71b, Sch71c, Sch71d, Han70b, WA71, Jam70]. **time-independent** [Man77]. **tin** [DC73, FFCB79, FRM74, GHJ77, Kot76, Pai73, Sla74, Wil74, GK75]. **TiNi** [PN71]. **TiO** [GK75]. **tissue** [Jeh73]. **tissue-specific** [Jeh73]. **titanium** [ES73b]. **Tm** [DS74]. **today** [Wyb73b]. **Toivo** [Cal75b]. **tomorrow** [Wyb73b]. **top** [DMM75]. **Topological** [KM72, BT78b]. **Topologie** [Sch73b]. **topology** [Sch73b]. **Torsional** [BBG79, SY77]. **Total** [BG78, SW71, BM74, Cas79, KP76, SW70, Spe73]. **traditional** [ČP71]. **trajectories** [CG78, CH77]. **trans}** [TS78, WMB75]. **trans}-** [TS78]. **transfer** [BZSD79, Cho79, CD76, DT75, Feu77, Lad76, LKK$^+$79, LW77, LH77, OSL77, Pet79, Rat78, SRE$^+$79, Van72, ZV79]. **Transferability** [CSM71, SDD$^+$77, SWN78]. **Transferable** [Ave79c, Ave79b, AB79, Ave79a]. **Transform** [GMZ73, Ban74, BS75b, GMG75, GB72, GCJ73, MKF77, MH72, ZF76]. **Transformation** [Thu75, WV74, AFD$^+$78, BL77a, Cof74b, FHB77, Jør77, Sch78, Sha71, Shu77c]. **transformations** [BW76a, Com78, Han70b, SRP76, SRP77, Wit72]. **transformed** [Wes73]. **Transition** [AC70, MMD78, OJB77, BR78, BFS73, BR75a, Cal77a, CHHS74, De 78, DR75, DCS77, FN73, GBV77, Gos75, Joh77, KP71a, KGB76, LH75, Lar78a, Lar79, LVDC74, MM77b, Por77, Por78, San71, Sch77c, SKW72, Sin75, SD74, SR77, Sto71, Van72]. **transition-metal** [BR78, BFS73, Joh77, KGB76]. **transitions** [BP75a, Ber73, Coo79, DM72, DD77b, Enz73, FWFM77, GML77, KD74, Lar78a, Mes73a, NT79, SIM75]. **translation** [BBA73, FM72]. **Transmembrane** [USK$^+$79, VU79]. **Transmission** [DS79, Wal77]. **transport** [Fro79, Hos78, KWC79, Mar79]. **transversion** [GRE$^+$77]. **transversion-type** [GRE$^+$77]. **trapped** [BBA73]. **treated** [BK75c]. **treating** [FHB77, Pai73]. **Treatment** [Sla71a, AM72a, BBB73, BTD79, CW78, Chr77, Cla71, CSH74, Csa78b, DS70b, Des72, FJP70, GS70a, Hil79, JBP76, Kau76, KMO77, MM74, MLB72, RTS74, RM79, SA77, SDJ79, Shu77c, SS71a, SW78, WRS70, LG71, SIM75]. **treatments** [AM74, AM77b, AM77a, CHD71, TS72]. **tri** [INI71]. **tri-phenylene** [INI71]. **triatomic** [KKW73]. **tribute** [CGLÖ76, Cus75]. **Tridiagonal** [Wel70]. **tridiagonalization** [Wel71]. **trifluoromethyluracil**

[PLSL78]. **Trifonow** [Cal73a]. **trigonal** [Sch73a]. **trigonometric** [DDH78]. **trimers** [Moh78]. **trimolecular** [CW78]. **triple** [Kle70b, MPS70, Wei76]. **triple-dipole** [Wei76]. **Triplet** [SN79, Abd77, BB75, BP75a, IMN79, JŻ79b, NS78, PCMS77, PS70, San71, SMB+79, SCYB75, TH78, TSE76]. **tRNA** [Pul77]. **tropoelastin** [RKOU77]. **true** [LH79]. **Truncated** [YJ76, ML79]. **Truncated-atomic-sphere** [YJ76]. **Tryptamine** [WOEG78]. **tryptamines** [JG74]. **TTF** [CHHS74, HRBB76, Lad75a, LRD+77, LRD+78]. **TTF-TCNQ** [LRD+78]. **Tunneling** [CK73, Ada75b, CL77, Eis76, Feu77, Gol70, Wal77]. **Turkuensis** [Cal75b]. **turn** [RU76]. **Turner** [Cal76a]. **Twenty** [Lak76]. **Two** [BL77b, BH71, DT72, Gal72b, Höj79a, Höj79b, MSKM77, Thu75, Aba72, BA78, BB74, Bas78, BL77a, BBP71, Bil72, Cal72, Cal73c, ČPP75, CL78, Col79, Dea72, Eng72, GL74, HMV77, HLMV77, HMV78, Har75, Jet73, KM74a, Kij72, KBA76, Koc74, Koł74, LAM71, MKF77, Mal71b, MM74, Meh78, MH72, OK75, Pie71, Rat71, Ros78b, RB75b, Sha76, SDJ79, SS70, SJH79, SL70, TBB70, TTS+79, WRS70, JBG70, Mal71a]. **two-body** [KBA76, Ros78b]. **Two-Center** [Thu75, BA78, Eng72, MH72, Sha76]. **Two-Electron** [BL77b, BH71, DT72, Aba72, BL77a, BBP71, Bil72, Cal72, Cal73c, GL74, KM74a, LAM71, MM74, RB75b, SJH79, WRS70]. **two-matrix** [Kij72]. **Two-parameter** [Höj79a, Höj79b, MSKM77]. **two-particle** [Rat71]. **two-photon** [MKF77]. **two-point** [ČPP75]. **two-spin** [SL70]. **Type** [Spe72a, BS74a, BS76a, BS71, Cha77, CL78, FTN77, GRE+77, Höj79a, Höj79b, KGP79, LS72, LM72, LGR73, Mat73a, Mat76c, NY76, OK75, Pau77, PF74, PAM75, PW74a, RL77, Røe73, Sab71, SR72b, ST70, SLC78, SR72c, SF75, Lec76b].

U [Lon73, Sla73b]. **U.** [LB79a]. **UHF** [Cla70, Lun79, Sha77a, Sha78a]. **ultimate** [HPK79]. **ultrasonic** [PP71]. **Ultraviolet** [Gos78a, PLSL78, Ros75, Rab77]. **unbounded** [BFH78]. **unconstrained** [Muk75]. **unconventional** [Lec76a]. **uncoupled** [Vog79]. **understand** [KKK74]. **Understanding** [HP77a, Kau76]. **uniaxial** [Hub71]. **Unified** [MM74, CL73, LÖ77]. **Uniform** [MYTC77, BM73]. **unit** [CBV79]. **Unitary** [PH77, Mat74a, Mat76b, Mat79a, Nel79, Pal75, PW79, Sha77b, Sha78b, WP79]. **unitary-group** [Mat79a, Nel79]. **united** [CSH74]. **units** [HR79, Sri77]. **Universal** [SWN78]. **universe** [Lay77]. **Universitatis** [Cal75b]. **University** [Sab75a]. **unperturbed** [AM74]. **Unrestricted** [NN72, NN74, PČL78, SLB77, Jor73, KKA78, PS70]. **unsaturated** [NI70a, NI70b]. **unstable** [Tho76, TPC77]. **Untersuchungen** [HG75]. **upon** [DRCT78, LCPP79, Sco71]. **Upper** [BBK76, LTR74, Wei71]. **upper-** [LTR74]. **uracil** [CLP79b, GJP79, KD77, ZR78, ZSR79]. **uracils** [PLSL78]. **urea** [ED74]. **Uridine** [PB77]. **Use** [Eld73, GPP79, Jor73, LAV72, BW73, Car75, CM76, Ema74, Euw71, GM73a, GM73b, HHR70, Kau73, Laz78, LZ79, MCM73, Nee75, Ner76, PT75, PAM75, PGDM77, RK77, Rou79, RCE79, Sch72, Sim72, Sol73, Sti78, Wei74, Wol71]. **used** [BC75, KB77, San72]. **useful** [LH74]. **Using**

[JBG70, SDD+77, AM77a, BS74a, BS76a, Bri73, Bur72, Chi77, Chr73, ČP71, ČP72, CL78, CK74, CSH74, Cur78, Dan72, DD72, Goo76, GHJ77, HS70a, HR76, JG72, JSK75b, KPPH78, KP71b, KMO77, LF77, LGR73, Loc76, Loc77a, OMC76, OK75, PCMS77, SD79a, Sha76, SBM72, Sri77, TB74, Vla70, WN78, WRS70, WFS77]. **usual** [Cla71]. **utility** [PS73]. **utilization** [ST79a].

V [FTN77, HMC71, IM73, Kla78, Kle70b, KMO77, LGP75, LGM77, PPP79, PNC+78, PK77b]. **vacancy** [SC79]. **Väinö** [Cal75b]. **Valence** [CESW70, Gal72b, Gin78, Goo76, Har70a, Har77a, HR79, WJ79, AM72b, BW76a, Bra79b, GN77, GV77, Har71a, HLYC77, Kle79, Lad74a, LS74a, MW74a, Mil71, Moh77, NN74, NG73, OK75, Pet77, PNC+78, RTS74, RS76, SM73a, SM76b, SM76a, SD78, SBD+70, TRS73, TS77, TS78, TS79, WMB75, TTS+79]. **Valence-Bond** [Gal72b, HR79, GN77, OK75]. **Valence-Electron** [Goo76, SD78, WMB75]. **valence-fluctuation** [Bra79b]. **valence-shell** [BW76a, NN74]. **valency** [CR72]. **Validity** [LPT+74, CD78, TL72]. **valinomycin** [Sun75b, ST78, ST79b, Sun74b]. **valinomycin-potassium** [Sun75b]. **Values** [Spe72b, BBK76, BS71, BSG77, BL77d, RK77, SK71, SG77a, SP77]. **Vanadium** [WFS77, PNJB78]. **Variable** [ES79, MR72, Sel75, Amo72, Csa76, Csa78b, PK75]. **variance** [HS75]. **Variation** [BL72, BEH77b, Zer74, Eps77, GZ72a, Mor78, MI78, MMM71, NI74, PGPP79, SY77, TS72, Wel76, Wel77b]. **variation-perturbation** [GZ72a, MMM71]. **Variational** [BR75a, BR72, Bri73, Csa78a, GbK77a, Kle77, KGB77, LFF79, Lud75, PSK77, ACD+74, CK75, CSH74, Csa76, Csa78b, Csa79a, CZ75, DR75, GF76, HS77, Moc73, Moc74, MK76b, NS75, Pai71, PBC74a, TK78, WW71, Wei76, ZF76]. **variationally** [Csa77b, LTR74]. **various** [BB74, Gal74, JM76b, eAJ76]. **varying** [GZ72b]. **vascular** [ULM76]. **vector** [Bre73, Loh76]. **vectors** [LÖ77, Mor75]. **velocity** [Kob78, Sin73a]. **verdazyl** [MPN79]. **Verdet** [IM73]. **Verfahren** [KA76]. **Verlag** [Cal73a, Cal79a, Cal77b]. **Vers** [JJ78]. **Versailles** [Cal76b, Mar73b]. **versions** [BBL77]. **versus** [AM77b, Ber75, ES79, HPK79, Ive74, Kob78, PPB78, RBDV77]. **Vertebrate** [Eno76]. **vertical** [VG78, SG77a, TS79]. **VI** [CDEO76, Kle77, Smi79, Tho76]. **Via** [GB71, Als73, FB76, GBL+73, SS77b, YL74]. **vibrantibus** [BP79]. **Vibration** [CK75, BBA73, KD79a, LRD+77, LRD+78]. **vibration-translation** [BBA73]. **Vibrational** [Tru72, BS77a, Bow79, GSE78, Sch71d, SR77, Ste77, Tru76]. **vibrationally** [MM72a]. **vibronic** [CII79, WZ70, TGSL70]. **vibronique** [TGSL70]. **vibrotors** [SS71b]. **VII** [GbK77a, Lai73, SPČ79, TS77]. **VIII** [Com77a, FWFM77, KPP78b, KGB77]. **vinyl** [Cla70, MMB70, MLB72]. **viral** [WLS77]. **virial** [BEF78, BFH78, FHB77, Lev78b, Nal78, WO74, WO75, WO76]. **Virtual** [Bee79, Cof74b, Mcd79]. **visual** [Kli79, MP71a]. **vitamin** [ED79, Ram78]. **vivo** [Dav77b, Web74, WS75]. **Vleck** [Sla71b, Gor71, Gor72]. **Vol**

[Cal75c, Lar78c]. **volatile** [DBBJ76]. **voltage** [VU79]. **voltage-dependent** [VU79]. **VRDDO** [HKP79, HPK79, KPP78a, KPPH78, KPP78b, PK75, PK77a, PK77b]. **VRDO** [PK76b].

W [Gos78b, Gos78a, Mår78, Sab75a]. **Waals** [Mal71a, Mal71b, HČZ79, KKW73, LH79, WMV77]. **Wahlgren** [LB79a]. **walk** [And79]. **Walker** [Sab75a]. **wall** [ULM76]. **Waller** [Lim74b, Lim75a, Lim75b, Lim76b, Lim77b]. **Walsh** [CD71]. **Walter** [Ano77-28]. **water** [AF73, ACG74, AMJS79, CC79, Dau74, Hal79b, HSBD78, HK74, KPP78c, Laz79, LB79b, Mey71, Nir75, PDEB78, PPB78, RC78, Tal77]. **Watson** [Sun77]. **Wave** [Bre73, Ada73, ANR75, Ada75a, AB73, AM77b, AM77a, Als73, ADFL71, BB75, BN76, BDP73, BS71, BC79, Cas78a, CL73, CL78, CWE71, DS74, DRCT78, DLG79, DMM75, Euw71, Gal74, GN77, Gre71, HO73, HHR70, HKP79, Hun75a, Jak76a, Jak76b, Jak76c, Jak76d, JTR77, Joh70, JS71, JW72, Joh73, JM76a, Jol79, Jor73, KM74a, KC72, KKA78, KMO77, KK76c, LF77, LTR74, Li76, Lim76a, Loc77a, Lud75, Lud77, Meh73a, Meh73b, Moc74, ML76, MK76b, MM72b, MSM70, MBM71, NS75, NRS79, OKM74, Pau78, Pop71, RWFS71, Rob71, Rob72b, RK79, Sab75a, SH73, Sch72, SC76a, SS73a, SS73b, Sim72, SH75a, SD70, Sla70b, SWP77, Tan74, Tru73a, VF76, Wei74, WFS77, WV74, YJ76, Coo74, FJP70]. **wave-functions** [Jak76b, Jak76c, Jak76d, JTR77, KK76c, Lim76a, Loc77a, MK76b, SWP77, VF76]. **Wave-mechanical** [FJP70]. **Wave-vector-** [Bre73]. **wavefunctions** [OK75]. **Wavenumber** [SM73b]. **waves** [Ada72b, MSP73]. **weak** [Lya78]. **weakly** [MKT77]. **Wechselwirkungen** [BKW75]. **weighted** [DL75]. **welcome** [Sis74]. **Welcoming** [Bry74, Han77b, Mar76, SG77c, Exe74]. **well** [CK73, RSS75]. **Wellenmechanische** [FJP70]. **Weyl** [HBE78]. **which** [CEK72, KKK70]. **wide** [RMP71]. **width** [Fog71]. **widths** [FB76]. **Wigner** [Ahl70, Ahl70, LWA74]. **Wiley** [Cal79b, Cal75c, Dun78, Gos78a, Shu77a]. **Wiley-Interscience** [Cal75c, Gos78a]. **windows** [BHLM78]. **Within** [Spe72a, BMD70, Eps77, KM76, LB79b, LW76, Loc77a, Loc77b, Loc77d, PD78a, SDM74, WJ79, ZF76]. **Woodward** [Mat76a]. **work** [PS75a].

X [BFH74, Com77b, Con72, GML77, JW72, JM76a, KC79, Kau73, MS76a, PKK75, PK77c, RK77, SS71a, WC75b, YJ76, FM78b, HYL78, AD77, BB75, BS71, CFMO73, Dan72, DC73, Dec70, DCS77, GK75, GML77, HPK79, Joh73, Joh77, Li76, Mes73a, Min79, MFRE76, MMR74, PNJB78, PPC72, RK77, Sam75, SF76, Sla73a, Sla75, TS71, TS79, WK73]. **x-ray** [FM78b, HYL78, PNJB78, BS71, CFMO73, GK75, GML77, Mes73a, TS71]. **X-rays** [Dec70, MFRE76]. **Xe** [ES70]. **XeF** [SD78, TDB77]. **XII** [AF73, MF73]. **xiii** [Cal76a, MSP73]. **XIV** [LG71, MCP73]. **XIX** [MWY77]. **XV** [CR72, MPW75]. **XVI** [MW75a]. **XVII** [Mat76a]. **XVIII** [Mat76b]. **XX** [MW77]. **XXI** [MN79].

years [Lak76]. **yesterday** [Wyb73b]. **Yield** [HG78, GGJ77]. **York** [Ahl77a, Ano78c, Cal79b, Cal75c, Cal77b, Dun78, Gos78a, Lar76, Lar78c, Shu77b]. **Young** [Lim75b].

Zero [Col77a, Boy70a, Har71c, Nal78]. **zeta** [GG79a, GG79c]. **zinc** [MS72b, MHH74, RTM77]. **zinc-histamine** [MHH74]. **ZN** [JMP79, KPD78]. **ZnSe** [CESW70, CWE71]. **zum** [BKW75, HG75]. **zur** [KA76, HG75]. **Zwanzig** [HLMV77]. **zwitterion** [RC78].

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Anonymous:1977:Md

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Anonymous:1977:Me

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Anonymous:1977:Mf

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Anonymous:1977:Mg

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Anonymous:1977:Mh

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Anonymous:1977:Mi

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Anonymous:1977:Mj

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Anonymous:1977:Mk

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Anonymous:1977:Ml

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Anonymous:1977:Mm

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