A Bibliography of Publications of Per-Olov Löwdin

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Abstract
This bibliography records publications of the late Per-Olov Löwdin.

Dedication
This bibliography is dedicated in fond memory of, and to, Per-Olov Löwdin (28 October 1916 – 6 October 2000): advisor, alpinist, friend, host, leader, linear algebraist, mentor, musician, role model, scientist, and teacher of a great many of us in his extended scientific family.

Title word cross-reference
$14.50$ [Kut67b]. $17.00$ [Kön68]. $1s$ [HL59, HL65]. $2$ [RG76, SW92, TL81]. $22$ [Kle66b]. $225.00$ [Boy05]. $27$ [Löw69c]. $450.00$ [Boy04]. $67.50$ [Ahl83]. $\alpha$ [MY04]. $\Sigma^+_{\chi}$ [HL76]. $3$ [MY04, VB75]. $\alpha$
\[ J = (1/2)(E_{\text{singlet}} - E_{\text{triplet}}) \]
August [FH58, Löw58f, LGC78a, LGC78b, LCG82a, Löw89a]. Augustine [LSZÖ89, Löw89f, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, LÖSZ93, Löw93g, Löw95l, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖS00]. av [Löw91i]. Axioms [Löw82d]. Aziridines [JSBL04]. B [Ahl83, Kle66b, Kle66a, MY04]. Back [Ano76a]. Background [Löw78c, Löw83d]. Band [Kön68, Löw62b, MV81, WW76, Löw62a]. Band-Structure [MV81, WW76]. Bände [Rei04a]. Barnet [Bou05, BS06, SPH14]. Base [Abd76, KJL87, Kry02]. Based [LFM89a, MRH10]. Bases [Lat76, KKS67]. Basic [Löw77g, Car88]. Basis [ACL73, KS88, Löw67b, Löw67c, Mak81, MV81, FWMZ11, HL83, JH15, LC76, Pan83, YE81]. Basis-Sets [Mak81]. Be [Löw94g, Löwxxb, Löwxxa, Löw77b]. Beach [Löw53b]. Bernard [Buc65, Gra65, Löw79, LS79, Sel65]. Bessel [BS06]. Between [BKSN91, Lin04, Löw65j, Löw84, Löw85e, Löw95g, Löw99a, AM12, FH58, Löw61]. Betydelse [Löw91i]. Bi [LFM89a]. Bi-Variational [LFM89b]. BIBLIOGRAPHIES [SYLxx]. Binary [Löwxxa]. Binding [Lin04, Löw62a, Löw81a, Löw62b]. Bindningen [Löw58c]. Binomial [MC11a]. Binuclear [VBHG95]. Biochemistry [Löw66j, Löw67k, PP76]. Biographical [Lin03]. Biological [Lad76, Löw63e, Löw65h, LÖSZ87b, Löw07b]. Biology [Kle66b, Kle66a, Löw64i, Löw68d, Löw68g, Löw69e, Löw69f, Löw71f, Löw71g, Löw72d, Löw73e, Löw74f, Löw75f, LS6, LS7, LS8, LS9, LS80, LS81a, LS81b, LS82b, LS82a, Lz83c, Lz83a, Lz83e, Löw83d, LS84b, LS84c, LÖ85, LÖSZ85d, LÖ86, LÖSZ86d, LÖSZ87d, LÖSZ87b, Löw88g, LÖSZ88c, Löw89f, Löw90e, Löw90j, Löw91d, Löw91p, Löw92e, Löw92c, Löw92q, Löw93g, Löw94a, Löw94f, Löw95a, Löw95c, Löw95j, Löw96b, Löw96f, Löw97c, Löw98b, Löw99b, LP64, Löw91e, Löw91f, Löw92e, Löw92c, Löw92f, Löw94c, Löw95e, Löw95d, Löw96c, Löw93c, Löw93d, Buc65, Gra65, Sel65]. Biomagnetic [Baj75]. Bioorthonormal [Lat76]. Birthday [BDL+94, LGB89]. Bi variational [LFM89b]. Bloch [Löw98c]. Blumenfeld [Baj75]. Blumenfeld-Kalmanson-Löwdin [Baj75]. Body [Har04, Lin04, Löw80c, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, Mic76, AM12]. Bogoliubov [Boy04, Boy05]. Bond [CPR04, Dan76, HLND63, KSM87, KS88, Löw58c, Löw61b, Löw62a, Löw66j, Löw69f, Löw91k, Löw62b]. Bonded [KSM87]. Bonding [CC04, Gos76]. Bonds [Löw67k, RS76a]. Book [Ahl83, Boy04, Boy05, Buc65, Gra65, Hof67, Kle66b, Kle66a, Kön68, Kor79, Kut67b, Kut67a, Löw69c, McLS81, Par66, Rei04a, Rei04b, Sel65]. Boolean [Löw92k]. Borelius [LCH72]. Boston [Ahl83]. both [Löw96c]. Bounds
C [Hof67, Löw66d, Löw66h, VBHG95]. C-13 [VBHG95]. Calais [Mcl81, Löw96a]. Calcul [Löw58b]. Calculated [KSM87]. Calculating [Lin04, Löw54c, Suz90]. Calculation [Har76, JP76, Löw47a, Löw51b, Löw51d, Löw51e, LPdH60, Löw65a, Löw65m, Löw66b, LL70, Löw85c, MK08, MK09, MC09, MÇ10a, MÇ11b, MÇ12, TTK04, Löw84c, LS51, Löw66c, Löw69a, LL51, MC11a, Suz84a, Suz84b, Suz85, Suz90, Suz92, Löw53c, MÇ10b]. Calculations [ABD04, BCA04, DDH75, Dog77, HL76, JSBL04, LBH04, Löw54a, Löw62a, Löw80d, Löw80e, Löw86f, LN89, Löw91h, Mal04, MV81, Sla76, Löw62b, WW76]. Call [Löw88a, Lz91]. can [CSHM04]. Cancer [JL87, Löw62e, Löw62h, Löw77d]. Canonical [Har76, Mor78, JH15, NS04]. Carcinogenesis [Löw65h, Löw77h, Löw86c]. Case [Löw92m]. catalysis [LGC78a]. Catalytic [TTK04]. Catalyzed [TTK04]. Causality [Löw61b]. Caused [Löw62e]. Causes [BKNS91]. Cavity [Tul04]. Cellular [Frö76, Sla76]. Center [JW89, Löw90k, Löw90j, Löw91q, Löw91p, Löw92p, Löw92q, MC11b, Jon84, Jon91, Löw53a, MK08, MK09, MC09, MÇ10a, MÇ10b, MÇ12]. centre [LL51]. Certain [JL87, LL51]. Chairman [Löw89d]. challenge [AK02, Sce06]. Change [Löw85d, Löw88e, LF89a]. Changes [Löw65c]. Chapter [Bun17, LÖBS17, SPH14, SS17]. Character [Gos76]. characteristic [CD04]. Charge [ABD04, JBW87, MC09, MÇ10a, MÇ10b]. Charges [BKNS91, KSM87, KS88, VBHG95, MRH10]. Chemical [Brä14, Dau76, HNLD63, Löw58c, Löw61b, LG78a, Löw66f, Löw94g, Nye93, Qua04, RS76b, Sch04, May02a]. Chemistry [Ahl83, And04, BK76, Ber04, Bos83, Boy04, Boy05, BK04, CL78, COM89, Dav76, DFKS05, FH58, FL07, GS12, Gor84, Het00, Kle66b, Kle66a, Lar04, Löw57, Löw58f, Löw61b, Löw64c, Löw65b, Löw67a, Löw67e, Löw68c, Löw68i, Löw68l, Löw70a, Löw71a, Löw72b, Löw73a, Löw74a, Löw75c, Löw76a, Löw76c, Löw76d, Löw77c, Löw77d, Löw78a, LC78, Löw80b, Löw80f, Löw80a, Löw80l, Löw81c, Löw81d, LÖ81a, LÖ81b, Löw82a, Löw82b, Lö82c, LöM83, Löw83e, LS84a, LZ84, Löw58b, LÖSZ85c, LÖSZ85e, LÖSZ86e, LÖSZ86c, LÖSZ86g, LÖSZ87c, LÖSZ87e, LÖSZ88c, Löw88h, LÖSZ88d, Löw88i, LS89, Löw89a, LSZÖ89, Löw89d, Löw89b, Löw89f, LSZ90, Löw90b, Löw90e, Löw90h, Löw90g, Löw90k, LS91, Löw91d, Löw91l, Löw91q, Löw91r, LSZ92a, LSZ92b, Löw92e, Löw92c, LZ92, Löw92l, Löw93c, Löw93d, LSZ94]. Chemistry [Löw94a, LZ94, LSZ95, Löw95a, Löw95c, LSZ96, Löw96b, LSZ+97b, LSZ+97a, LSZ+98c, LSZ+98d, LSZ+98b, LSZB99, LSZ+99b, LSZ+99a, LSZ+00, LSZB00, Mal04, McLS1, ML83b, Nye93, Öö83, ÖSZL87,
Rei04a, Rei04b, SB02, SB17, Sce09a, ZL94, Brä17, Buc65, Car88, Gra65, LÖS02, LP64, LCS+70, LGC78b, LP83, Löw88j, Löw88l, LZ91, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94e, Löw95e, Löw95f, Löw95d, Löw96c, LSZ+98a, PL83, Sco87, Sel65, SG14, Löw90c, Löw91d, Löw91e, Löw91f, Löw91g, Löw91r, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw95c, SG14, Ahl83, Kön68, Kut67b, Kut67a, Par66].

Citation [Löw87a]. Clarke [Löw67g]. Classic [Het00, Löw87a]. Clebsch [SW92, WS92]. Clementi [Löw92d]. Closed [CPR04, PdHL62a, GLA+08]. Closed-Shell [CPR04, PdHL62a, GLA+08]. Closer [BKNS91]. Cluster [Mal04, Uzi04]. Clusters [KJL87, Löw81a, LSZ+97a]. CNF [Dog77]. CNH [Dog77]. Coast [LS80, LS81a, LS82b, LS82a, LÖ82a, LZ83c, LZ83a, LSZ84b, LSZ84c]. Code [Löw66], Löw67k, FMPM+14]. coefficient [JW78]. Coefficients [Löw83b, SW92, MC11a, Suz92, WS92]. Cognition [SS17]. Cohesion [Löw66d]. Cohesive [FL62, Löw47a, Löw51d, Löw51e, Löw48c, Löw48d, Löw48e, Löw56b, LCS+70, Löw01]. Coleman [ES87, Löw87d]. Collected [Sce87]. Collection [Löw76a]. Collision [Kor79, LÖ77, LÖ78, LÖ79, LÖ80, LÖ81a, LÖ81b, LÖM83, ML83b, ÖÖ83]. Collisions [KD04b, Mic76]. Colloquium [Löw81a, LGC78a]. Combined [LR59]. Comment [Suz87]. Commentary [Sce06]. Comments [ACL73, Cal76, GÖL70, Löw66d, LÖ78, LÖ79, LÖ80, LÖ81a, LÖM83, ML83b, ÖÖ83]. Concept [Ber04, Löw91i]. Concepts [FH58, Löw88i, Löw90b]. Concluding [Löw90i, Löw91c]. Condensed [LÖ82c, Löw90e, Löw91d, Löw92e, Löw92c, Löw93c, Löw94a, Löw95a, Löw95c, Löw96b, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, Löw96e, Löw97b, LÖS94a, LÖS94e, LÖS95e, LÖS95c, LÖS96e, LÖS96c, LÖS97c, Löw87c, Löw88h, LÖS88d, Löw90k, Löw91q, Löw92p, LÖS93, Löw94e, Löw95i, Löw96e, Löw97b, ML83b, ÖÖ83, ÖSZL87, Duf71, LÖS+97b, HDK72]. Computations [Löw90e, Löw91d, Löw92e, Löw92c, Löw93c, Löw93d, Löw94a, Löw95a, Löw95c, Löw96b, Löw91e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c]. Computer [Löw92k, Jon84, Jon92]. Computers [Löw87c]. Concept [Ber04, Löw91i]. Conditions [LCC81, Löw86d]. Conference [Löw47b, Löw48b, Löw49, Löw63g, Löw80f, Löw90i, Löw90j, Löw90k, Löw91q, Löw91p, Löw92p, Löw92q]. conferences [Meh75]. configuration [JH15].
configuration-interaction [JH15]. Configurational [Löw87a, Löw55b].
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Congress [Ahlu83, Löw80a, LP83, Löw89a, Löw89d, Löw91c, PL83].
Conjugated [Löw53b], Connected [Löw50b, Löw59a]. Connection
[Löw63g, Löw85e, Löw95g, Löw96g, Löw99a, Löw65j]. Conqueror [Ohn76].
Consciousness [Löw86j]. Consistency [Löw80i]. Consistent
[Löw51a, LA56, Löw60c, Löw62k, Löw53c, Löw54d, Löw54e]. Constant
[JP76]. Constants
[LL72, Löw47a, Löw62f, Löw68k, LG71, Löw48c, Löw48d, Löw48e].
Constructed [Löw64d]. Construction
[ACL73, Mak81, VB75, Pan82a, Pan82b, Pan83, Pan84]. Contact [Löw64b].
Containing [BCA04, CL62]. Continuum [Löw85c, SL55]. Contraction
[Löw64m]. Contributed [Löw80a]. Contributions
[Löw47b, Löw48b, Löw50a, Löw88a, LZ91]. Conventional [BK76].
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Löwdin [Bou05, BS06]. Coupled [Mal04, Uzi04]. Coupled-Cluster [Mal04].
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Group \[\text{[Löw91s]. Guseinov}\]

Grunder \[\text{[Löw91s].}\]

H \[\text{[Löw71g]. Halides [LCH72, Löw48e]. Hamiltonian [CD04, Löw85d, Löw85g, Löw88e, LFM89a, Löw90i, May02a, Uzi04]. Hamiltonians [Löw82c]. Harald [Löw69c]. Harald [Löw69c].}\]

Harmonilärans \[\text{[Löw91s]. Harmony [Löw91m, Löw91s]. Hartree [HL76, LPLH63, Van76, FL83, Löw55a, Löw55c, Löw55d, Löw58e, Löw60a, Löw63a, Löw66f, Löw66a, Löw66g, Löw69b, Löw75b, LCC81, LFM89a, LFM89b, LM92, ML93]. Having [Löw96g]. HCN [DDH75, Dog77]. Heavy [GL04, Mal04, Uzi04]. Hebrew [Löw89a]. Held [FH58, HDK72, Löw71f, Löw72d, LGC78b, Löw80a, Löw81a, LS81b, Lö81b, LS82a, LO82a, LCG82a, LZ83a, LZ84, LS84, LÖSZ85c, LöSZ86c, LöSZ86d, LöSZ87c, LöSZ87b, LÖSZ88d, LÖSZ88e, ML83b, ÖÖ83, Löw58f, Löw67g, Löw68g, Löw69e, Löw71g, Löw74e, Löw74f, Löw75e, Löw75f, Lö76, LÖ77, LÖ78, LÖ79, LÖ79, LÖ80, LÖ81a, LO81a, LO82c, LS82b, LP83, LÖM83, LZ83e, LSZ84a, LSZ84b, LÖSZ85e, LÖ85, LÖSZ86c, LÖ86, LÖSZ87d, LÖ88h, LÖ88g, LSÖ89, Löw89f, Löw90k, Löw90j, Löw91q, Löw92p, Löw92q, LÖ9293, Löw93g, Löw94e, Löw94f, Löw95i, Löw95j, Löw96e, Löw96f, Löw97b, Löw97c, LÖ98c, LÖ98h, LÖ99b, Lö800, ÖSZL87, PL83]. Helical [Baj75]. Helium [LS55, SL56, LR59]. Helium-Like [SL56, LR59]. Helmholtz [CD04]. Hennes [Löw74c]. Henry [Löw90e]. Herausgegeben [Rei04a]. Heredity [Löw65h, Löw67f]. Hermitian [May02a]. Heterocyclics [Löw51b]. High [LCH72, SPH14, Löw48e]. Hilbert [Lat76]. Historic [Löw85a, Löw85i]. Historical [Löw91k, Löw95b]. History [GS12, Löw87c]. Homolytic [CC04]. Honor [Löw63c, Löw63d, Löw76a, Löw91b, Löw92d, Löw67g, Löw91q, Löw79, LÖ79, LSZ99a]. Honorary [Lin93]. Honoring [CG77]. Honour [Löw63g]. Horizons [Ahl83, LP83, PL83]. Hubbard [Lar04]. Hulthén [LS51]. Human [Löw77g, Löw80, Löw84]. Hybrid [Tch99]. Hydrido [TTK04]. Hydrido-Bridged [TTK04]. Hydrogen [BK76, CC04, HL65, HL76, KSM87, Las76, Löw66j, Löw67k, Löw69f, RS76a, HL59]. Hydrogen-Bonded [KSM87]. Hydrosilylation [TTK04]. Hylleraas [Löw63c, Löw63d, Löw63g, MTW68, Löw96c]. ICQC [Löw89d]. Ideas [Löw59b, Löw67a]. II [Rei04b, Roo00, HM01b, Löw48d, Löw51e, Löw54d, Löw54e, Löw55c, Löw63a, Löw64k, LFM89a, LÖSZ98d, Löwxxa, OL83, ÖÖ83, OS82, Pan82b, PaH62b, Suz85, WS82]. III [Boy05, BK04, Löw55d, LA56, Löw63a, Löw64l, Pan83, Suz90]. Illustrated [Las76]. Implementation [Jon84]. Implications [Löw63e]. Importance [BJ76, Löw62h, Löw68h, Löw72a, Löw77g, Löw88c, Löw90h, Löw91l, Löw92k].}
Löw97d, Löwxxc]. impulse [WJ12]. Inception [FL07]. Include [Löw55a, Löw75b, Löw55d]. Incorporation [Löw64j]. Indefinite [Löw96g]. independence [NS04]. Independent [Löw66g, Löw69b, Löw68a, Löw68b, Löw07c]. Independent-Particle [Löw07c]. Independent-Particles [Löw66g]. Individual [RS76a]. Induced [RG76]. Inelastic [Ber76]. Inequalities [Löw88d, Löw93e]. Infinite [BS76]. Inheritance [Löw55c]. inhomogeneous [AM12, GLA+08]. Initio [Löw99a, ScE09a]. Inn [LÖ82a]. Inner [Ahl76, CVV87, Gos76, Löw68l, Löw71c, Löw70e, Löw88l]. Inner-Projections [Ahl76]. Inner-Shell [Gos76]. Input [Lin10]. insight [LSZ+99b]. Instability [LCC81]. Institute [Boy04, Boy05, Löw76c]. Institutionen [Löw76c]. Integral [DDH75, Dog77, JW89, Jon92, MK08, MK09, MC09, MÇ10a, MÇ10b, YE81]. Integrals [CL62, Har04, JP76, Jon88, Löw54a, MC11b, Jon84, Jon91, Löw53a, LL51, MÇ12, Pan83]. Integration [Löw51a, Löw52]. Intelligence [Löw86l]. Intensities [Laz04]. Interaction [HL65, Kol76, Löw87a, HL59, JH15, Löw55b]. Interactions [Luq04, BJ76]. Interionic [Löw47a, Löw48c, Löw48d, Löw48e]. Intermediate [Uzi04]. Intermolecular [Löw90i]. International [Ahl83, Car88, HDK72, Kor79, Löw63c, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75e, Löw75f, LÖ76, LS76, LÖ77, LS77, LS78, LÖ78, LÖ79, LS79, Löw80f, Löw80a, LS80, LÖ80, Löw81a, LÖ81a, LS81a, LS81b, LÖ81b, Lö82c, LS82b, LS82a, Lö82a, LP83, LÖM83, LZ83c, LÖZ83a, LÖS84a, LÖS84b, LÖS84c, LÖS85e, LÖS85c, LÖS85d, LÖS86e, LÖ86, LÖS86c, LÖS86d, LÖS87d, LÖS87c, LÖS87b, Löw88h, Löw88g, LÖS88d, LÖS88c, Löw89a, LÖS89, Löw89f, Löw89d, Löw90k, Löw90j, Löw91q, Löw91p, Löw92e, Löw92c, Löw92p, Löw92q, LÖS93, Löw93g, Löw94a, Löw94e, Löw94f, Löw95a, Löw95c, Löw95i, Löw95j, Löw96b, Löw96e, Löw96f, Löw97b, Löw97c, LÖS98, Löw98h, LÖS99, Löw99b, LÖS00, ML83b, Ö83, ÖSZL87, PL83]. International [Brä14, Löw63d, Löw63g, Löw76c, Löw90e, Löw91d, Löw91e, Löw91f, Löw91g, Löw91r, Löw92g, Löw92h, Löw92f, Löw93c, Löw93d, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, SG14]. internationalization [Kar02]. Internationella [Löw76c]. Interpolation [Löw54d, Löw54e]. Interpretations [Löw87a, Löw55b]. Intersecting [Tul04]. Intersection [TL81, TL82]. Introduction [Löw63d, Löw69d, Löw71e, Löw71d, Löw72f, Löw78b, LÖ82b, LZ83b, Löw84, LÖS85a, LÖS85b, LÖS86a, LÖS86b, LÖS87a, LÖS88a, LÖS88b, Löw90f, Löw91b, Löw92c, LZ92, Löw92i, Löw92j, Löw92d, LZ94, LBO+97, ML83a, ML83b, ÖL83, Ö683, ÖS02, ZL94, Löw65g, LS81b, LÖ81b, LS82a, LÖ82a, LZ83a, LS84, LÖS84c, LÖS85c, LÖS85d, LÖS86c, LÖS86d, LÖS87c, LÖS87b, LÖS88d, LÖS88c]. Introductory [Löw72g, Löw80c, Löw89d]. invariance [BDMC06]. Inverse [LPdH60, Ste77]. Inversion [KS76]. Invertibility [WS81]. Investigation
Investigations [Pau76]. Ionic
Löw63c, Löw63d, Löw63g, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75e, Löw75f, LÖ76, LS76, LÖ77, LS77. Isomer [Dog77]. Isotope [JSBL04, Löw65d, VBHG95]. Israel [Löw89a]. Issue [COM89, Lin93, LGBC89, Löw91b, Löw92d, OS02]. Italy [Löw81a]. Iteration [Löw58d, Löw59c, Löw62c, Löw63h].

J [Boy04, Boy05, Rei04a, Rei04b, Suz84a, Suz87]. Jahn [Ber04]. January [Löw63c, Löw63d, Löw63g, Löw65f, Löw65g, Löw67g, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw74f, Löw75e, Löw75f, LÖ76, LS76, LÖ77, LS77]. Japan [Löw80a]. Jauch [Löw74b].


Kaleidoscopic [SG14]. Laboratory [ÖOSZ87b, Löw88h, Löw88g]. Laguerre [Réd76]. Lanczos [HL83]. Lapland [LCG82a]. Large [Löw80i, LÖ82a, Löw87c, Tch99]. Large-Scale [Löw87c]. Law [LCH72]. LCAO [ACL73]. leading [HM01b].
Learning [SS17]. Least [Löw92j]. lectures [GC84]. LEDO [Dog77]. Legacy [Bun17]. Leon [Löw90k, Löw90l, Löw91a, Löw91q, Löw92p, Löw92q, Löw95i, Löw95j, Löw96c, Löw96f, Löw97b, Löw97c, LÖSZ98, Löw98b, LÖSZ99, Löw99b, LÖS00].
[Löw69a]. **Lindgren** [Löw98c]. **Linear**
[Löw64f, Löw77b, Löw92i, Löw96g, Löw96h, Löw98a, Löwxxd, Löwxxb, Löwxxa, McI76, TL81, NS04, TL82]. **Linearly**
[BL69, Löw67b, Löw67c]. **Liouville** [Löw88c]. **Liouvillian** [Löw85g].
**Liouvillian** [Löw82c]. **liquid** [GLA +08]. **liquids** [AM12]. **Literature** [Man76]. **Ljunggren** [Löw50a]. **Local** [Pan82b]. **Localization** [Lar04, CRE79]. **Localized** [RS76b, Löw64a]. **Logic** [Löw95g]. **London** [Ahl83, Kle66b, Kon68, Kut67b]. **Long**
[HL59, HL65, Kol76, Löw90i, VBHG95]. **Long-Range**
[HL65, Kol76, VBHG95, HL59]. **Look** [BKNS91]. **Lorentz** [Löw39]. **Lorentz-Transformationen** [Löw39]. **Lösa** [Löw59c]. **Louis**
[McI81, Löw96a]. **Low** [Löw78c, MY04]. **Low-Lying** [MY04]. **Löwdin**
[Ahl83, Buc65, Gra65, Kle66b, Kle66a, Kön68, Kut67b, Lin03, MC11a, McL81, Rei04a, Roo00, Sch77, Sel65, Suz84a, FMPM +14, KKS67, AIA75, AEG80, AK02, AM12, Ano59, Ano02, Ant85, Baj75, BS71a, BS71b, BKNS91, BM86, BS07, Bos83, Bør76, BK04, Brä17, BDMC06, Bun17, CGLÖ76a, CGLÖ76b, CG77, COM89, CD04, Cha90, CVV87, CSHM04, Cro77, De 76, DDH73, Dog77, Duf71, FG76, FWMZ11, Gor84, GC84, GLA +08, Gra77, Hal04, HM01a, HM01b, HL83, Hof67, Jan77, JH15, JW78, Jon84, JBW87, Jon88, JW89, Jon91, Jon92, KSM87, KS88, Kar02, KS73, Kii69, Kor79, Kry02, Kut67a, LBH04, LCK76, LAS99, LD89, Lin93, LöS5, LöS02, Lin10, LöBS17, Löw76a, Mak81, MK08, MK09, MC09, MČ10a, MČ10b, MC11b, MČ12, Man76, MV81].

**Löwdin**
[May02a, May02b, May10, MRH10, Mei03, Mez97, Mor78, NSS12, NA12, NS04, Oln76, ÖSB01, ÖSB02, Pan82a, Pan82b, Pan83, Pan84, Par66, Per12, RSS08, SB02, SB17, Sce06, Sce09a, Sco73, SPH14, SG14, SW92, St05, Ste77, Sut02, Suz84b, Suz85, Suz87, Suz90, Suz92, ST14, SM13, Tch99, VB75, VBHG95, WJ12, WW76, WS81, WS82, dA12, WS92, Boy04, Boy05, Rei04a, Rei04b]. **Löwdin-** [MČ12]. **Löwdin-alpha** [MC11a]. **Löwdin’s** [SS17]. **Lower**
[LL68, Löw65a, Löw65m, Löw66b, LL70, Rei76, Löw66c, Löw69a, Gra77, Löw65k, Löw65l]. **Lying** [MY04].

**Macromolecular** [Mez97]. **Macromolecules** [Lad76]. **Madelung** [AK02]. **Magnetic** [JL87, KD04b]. **Man** [Löw74c]. **Manifolds** [TL81, LAS99, TL82]. **Mänsikka** [Löw74c]. **Many**
[Dau76, Lin04, Löw59b, Löw62i, Löw80c, Löw85d, LÖSZ85e, LÖSZ85c, LÖSZ86e, LÖSZ86c, Löw87a, Löw88e, LFMS89a, LFMS89b, Löw07a, Löw07d, Lun76, McI76, Löw53a, Löw55b, Löw55c, Löw55d, Löw63i, LSZT90, Roo00]. **Many-Body** [Lin04, Löw80c, LÖSZ85c, LÖSZ86c, Mic76]. **many-center** [Löw53a]. **Many-Electron**
[Dau76, Löw59b, Löw62i, Löw07a, Löw07d, Lun76]. **many-fermion**
[LSZT90]. **Many-Particle** [Löw85d, Löw87a, Löw88e, LFMS89a, LFMS89b, Löw55b, Löw55c, Löw55d, Löw63i, Roo00]. **March**
[FHL55, LS78, LÖ78, LÖ79, LS79, LS80, LÖ80, LÖ81a, LS81a, LS81b,

O [Ahl83, Kle66b, Kle66a, Kön68, Kut67b, Kut67a, Roo00, CPR04, Sut02], O. [Boe83, CG77, Gor84, Jan77, SG14]. Obituary [Löw73c]. Objectivity [Löw51a, Löw51e, ST05, Bou05, Löw48e, LS51, Löw52].
Observations [Sut02], Occasion [BDL+94]. Occurrence [Löw75a, Löw75g, Löw92c]. Objectivity [Löw75a, Löw75g, Löw92c].
Observations [Sut02], Occasion [BDL+94]. October [HDK72, Lin03, Löw80a]. Öhrn [BDL+94, LSZ+99b]. Olov [Boy04, Boy05, Buc65, Gra65, Hof67, Kor79, McL81, Par66, Rei04a, Rei04b, Sel65, Ano02, BK04, Brä17, Bun17, CGLÖ76a, CGLÖ76b, COM89, FG76, Hal04, Kar02, Lin93, LÖS02, Lin03, Lin10, LÖBS17, Löw76a, Man76, Ohn76, ÖSB01, OS02, SB02]. One [Löw91i, Löw91s].
One-body [AM12], One-Center [MC11b, MC09, MC12]. ONIOM [MRH10]. ONIOM-based [MRH10]. Open [CPR04], Open- [CPR04], Opening [Löw0f]. Operator [BL69, Löw62], Löw63b, Löw65i, Löw67i, Löw93e, VB75, WS81]. Operators [FL57, FL83, Kil69, Löw64d, Löw72a, Löw82c, Löw83c, LFM89b, Löw93f, Löw96h, Löwx1, Löwxx, Cro77, Löw63i, Pan82a, Pan82b, WS82]. Optimal [Mak81]. Orbit [Kil69, Löw64b]. Orbital [ABD04, DDH75, Dog77, LB76, LC1173, LAS99, Löw53b, Löw54c, Löw65f, Löw65g, PdHL62a, PdHL62b, AK02, CRE79, FMPM+14, JH15, MK08, MK09, MC09, Suz92]. Orbitals [Gos76, Har76, HL65, Jon88, JV89, Kle66b, Kle66a, Lin04, Löw54b, LS55, LS56, Löw64g, Löw87a, MC11b, RS76b, SL58b, SL59, AM12, Bou05, Buc65, Gra65, HL59, Jon91, Lev76, Löw55b, LP64, MC10a, MC10b, MČ12, NA12, Sel65]. Order [BS76, LL68, LÖ82a, PH14, Lev76, Löw52, Löw86i]. Orders [KSM87, KS88]. Ordinary [McL76, Löw52, Löw55c]. Organic [Löw53b, Löw89h].
Origin [Löw84, Löw91m, JBW87, Kry02, AK02].
Orthogonal [LD89, WJ12]. Orthogonality [Del76, Löw50b, Löw68e, Löw91k]. Orthogonalization [AJA75, Del76, KS73, Mak81, RSS08, AEG80, BM86, JH15, LAS99, May02b, NSS12, NS04, Sco73, Ste77, SM13, WJ12]. Orthogonalizations [SS17]. Orthonormal [ACL73]. Orthonormalization [LÖw93b, Mor78, Sch77]. Osäkerhetsrelationerna [Löw91i]. osnovanii [KKS67]. Osvaldo [McL81]. Other [Löw92l, Jan77]. Our [Löw97d]. Overlap [ABD04, Ber76, BJ76, Dog77, HÖM1a, HM01b, JP76, LÖT76, LPdH60, MC11b, Jon92, MK08, MK09, Pan83]. overlopping [WJ12].

P [Ahl83, Kle66b, Kle66a, Kön68, Kut67b, Kut67a, Roo00]. P-O [Roo00]. P. [Bos83, CG77, Gor84, Jan77, SG14, Sut02]. P-O [Ahl83, Kle66b, Kle66a, Sut02]. P.-O. [Bos83, CG77, Gor84, Jan77, SG14].
Pages [Ahl83]. Pair [FL83, Löw83c, KKS67]. Pairing [Löw91n, HÖM1a, HM01b, Kry02, May10]. Pairs [Abd76, Dog77, KJL87, Kry02, Löw61a]. Palm [LS80, LS81a, LS81b, LS82b, LS82a, LÖ82a, LZ83c, LZ83a, LSZ84b, LSZ84c]. Panel [FH58, Löw84]. Paper
Papers [Löw66d, Löw88a, LZ92, Lz94, Löw50a, LZ91]. Parallel [Löw87c]. Parameter [Har76, Löw64l, SW92, CD04, WS92]. Pariser [Löw88a]. Parr [Löw88a]. Parallel [Löw87c]. Parameter [Har76, Löw64l, SW92, CD04, WS92]. Parallel [Löw87c]. Papers [Löw80a, MTW68, Hett00, Löw9c, Sce08, Sce09b]. Partial [DDH75, Dog77]. Participants [Löw76a]. Particle [Löw68a, Löw68b, Löw85d, Löw87a, Löw88e, LFM89a, Löwxxa, ML83a, ÖL83, OS02]. Partial [DDH75, Dog77]. Participants [Löw76a]. Particle [Löw68a, Löw68b, Löw85d, Löw87a, Löw88e, LFM89a, MH04, FMPM+14, Löw55b, Löw55c, Löw55d, Löw53I, Löw59b, LFM89b, Roo00, Löw07c]. Particles [Löw66g, Löw50a]. Particular [Löw66j, Löw67k]. Particularly [FL62, Löw66j, Löw67k]. Partitioning [BS07, Löw63h, Löw65a, Löw65m, Löw68k, LG71, Löw82e, Löw85e, Löw98c, SS04, Wei76, HLS3, Löw66c, Löw69a, WS81, WS82]. Past [And04]. Löwdin [Boy05, BS06]. MM [Tch99]. Per-Olov [Boy04, Boy05, Buc65, Gra65, Hof67, Kor79, McL81, Par66, Rei04a, Rei04b, Sel65, Ana02, BK04, Brä17, Bun17, CGLO76a, CGLO76b, COM89, FG76, Hal04, Kar02, Lin93, LÖS02, Lin03, Lin10, LÖBS17, Löw76a, Ohn76, OŚB01, OS02, SB02]. Periodic [Sch04, AK02, Löw69g, Sce09b]. permutation [Pan83]. Permutational [Kat04]. Perspective [Roo00]. Perturbation [AJA75, BS76, BJ76, LL68, Löw60c, Löw62], Löw62k, Löw63h, Löw64k, Löw64l, Löw64m, Löw64a, Löw64b, Löw65a, Löw65j, Löw65k, Löw65m, Löw66b, Löw67, Löw68j, Löw68k, Löw69a, LG71, Lö82a, Löw82e, Löw85e, LN89, MV81, MH04, SS04, Gra77, Löw51c, Löw65l, Löw66c]. Perturbative [Löw81a, LS51]. Phenomena [Kor79, Löw63b, Löw55, Löw71, Lö78, Lö79, Lö80, Lö81a, Lö81b, Lö83, LÖS85e, LÖS85c, LÖS86c, ML83b, ÖB83]. Phenomenon [Löw68, LG69]. Philosopher [Sce09a]. Philosophy [Nye93, Sce08]. Phosphate [PP76]. Photodetachment [MY04]. Photons [Ber76]. Phys [Löw87a, Roo00, Suz84a, Suz87]. Physical [Löw86k, Löw87a, Löw88c, Sch04, Löw55b]. Physics [Boy04, Boy05, GS12, HDK72, Kcle66b, Kcle66a, Löw71a, Löw78c, Löw83e, Löw90e, Löw90k, Löw91d, Löw91q, Löw92e, Löw92c, Löw93c, Löw93d, Löw94a, Löw94g, Löw95a, Löw95c, Löw96b, Büc65, GRA65, LP64, LG78a, Löw1e, Löw91f, Löw91g, Löw92g, Löw92h, Löw92f, Löw94c, Löw95e, Löw95f, Löw95d, Löw96c, LSZ+98a, LSZ+98c, LSZ+98d, Löw81, Mch75, Sel65, Brä14, Löw47b, Löw48b, Löw49]. PLA [Dog77]. Plane [ML68]. pollicies [Löw95e]. point [Kry02]. Polar [KS88]. Policies [Löw90c, Löw91d, Löw91e, Löw91f, Löw92b, Löw92e, Löw93c, Löw93d, Löw91g, Löw92g, Löw92h, Löw94c, Löw95f, Löw96c]. polynomial [LD89]. Polynomials [Ré76]. Ponce
Projection
[BL69, ĆVV87, FL57, Kil69, Löw62f, Löw62j, Löw64d, VB75, Cro77, Mei03].

Projections [Ahl76, Löw68l, Löw71c, Löw70e, Löw88l].  
Projector [TL81, TL82].

Projectors [Cha90].

Projects [Löw72e].

Propagating [LSZ99b].

Propagator [LÖ82c, Löw85g, MY04].

Propagators [Löw94h].

Properties [Frö76, HNLD63, JL87, LL72, Löw48a, Löw63a, Löw66j, Löw67j, Löw67k, Löw68j, Löw71c, LG71, LFM89b, Löw93f, Löw96g, Löw96h, Löwxxd, Pau76, RSS08, Löw48e, Löw56b, LCS+70, Löw70e, Löw01].

property [De 76].

protein [Per12, dA12].

Proton [Abd76, Cho76, KJL87, Löw62e, Löw63e, Löw64e, Löw64j, RS76a, Kry02].

Pseudoquadrupole [JP76].

Psi [Löw88k].

Psyche [Löw74c].

psyke [Löw74c].

PT [Sch04].

Publications [CGLÖ76a, Löw66i].

Published [Löw69c].

Publishers [Boy04, Boy05].

Publishing [Ahl83].

Pullman [Kle66b, Lö79, LS79, Bu65, Gra65, Kle66a, Sel65].

Pullmann [Ahl83].

QC [Tch99].

QC/MM [Tch99].

QED [GL04].

QM [Luq04, MRH10].

quadrature [BS06].

Quantization [McI76].

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Quantum [LG77b, Löw78e, LÖ79, LS79, Löw80b, Löw80f, Löw80a, LS80, LÖ80, Löw80j, Löw81c, Löw81d, Löw81b, LÖ81a, LS81a, LS81b, LÖ81b, Löw82a, Löw82b, Löw82d, LÖ82e, LS82b, LS82a, Löw83a, LÖ83, LS83c, LZ83a, LSZ84a, LSZ84b, LZZ84a, LZZ84c, Löw55b, LöS85e, LÖ85, LÖS85c, LÖS85d, Löw86a, Löw86d, Löw86f, LÖS86e, LöS86, LÖS86c, LÖZ86d, Löw86g, LÖZ87d, LÖZ87c, LÖZ87b, Löw87c, LS88, Löw88e, Löw88h, Löw88g, LÖZ88d, LÖZ88c, Löw88i, LS89, Löw89a, Löw89d, Löw89f, Löw89g, Löw89b, LN89, LSZT90, Löw90e, Löw90h, Löw90k, Löw90j, LSZ91, Löw91d, Löw91e, Löw91f, Löw91g, Löw91q, Löw91p, Löw91r, LSZ92a, LSZ92b, Löw92e, Löw92c, Löw92g, Löw92h, Löw92f, LZ92, Löw92i, Löw93c, Löw93d, Löw93e, LSZ94, Löw94c, Löw94a, LZ94, LSZ95, Löw95e, Löw95a, Löw95c, Löw95f].

Quantum [Löw95d, Löw95k, Löw96b, Löw96c, Löw97b, LSZ97a, Löw97a, LSZ98c, LSZ98d, LSZ98e, LSZ98b, Löw98a, LSZB99, LSZ99b, LSZ99a, Löw99a, Löwxxb, LSZ99b, LSZB00, Löw01, Löw07a, Löw07b, Löw07d, Mal04, MC11b, Mez97, ML83b, Ö83, ÖSZL87, PP76, Qua04, Rei04a, Rei04b, Roo00,}
Solids [FL62, Löw71a, LCH72, Sla76, Löw56b, LCS70, Löw01].
Solvent [Luq04].
Solution [CC04, Lev76, Löw62j, Löw64l].
Solvay [Meh75].
Solved [Löw94g].
Solved [Löw94g].
Soluble [Löw94g].
Solvent [Luq04].
Solving [Löw58d, Löw59c, Löw62c, Löw63h].
Some [ACL73, BS07, Cal76, JL87, KSM87, KS88, Kol76, Löw47a, Löw48a, Löw51b, Löw58g, Löw59b, Löw62i, Löw64j, Löw66j, Löw67j, Löw67k, Löw68a, Löw68b, Löw68h, Löw68i, Löw68j, Löw69f, Löw69g, Löw70d, Löw70e, Löw71b, Löw71c, LM72b, LM72a, Löw75a, Löw75g, Löw76b, Löw77f, Löw77g, Löw77h, Löw80j, Löw83e, Löw84, Löw85g, Löw85h, Löw86c, Löw86j, Löw86k, Löw86l, Löw87b, Löw87c, Löw88c, Löw88j, Löw88d, Löw89b, LFM89b, Löw89h, LN89, Löw91r, Löw92m, Löw92r, LM92, Löw93f, Löw93h, Löw94g, Löw94h, Löw95k, Löw96g, Löw96h, Löw97d, Löw98c, Löw98d, Löw98e, Löw99f, Löw99g, Löw99h, VBHG95].
Spectra [Löw85d, Löw88e, LFM89a, LÖ76, LÖ77, LÖ78, LÖ79, LÖ80, LÖ81a, LÖ81b, LÖ82, LÖ83, LÖ84a, LÖ85b, LÖ85c, LÖ85d, LÖ86a, LÖ86b, LÖ87a, LÖ87b, LÖ87c, LÖ87d, LÖ88a, LÖ88b, LÖ88c, LÖ88d, LÖ88e, LÖ88f, LÖ88g, LÖ88h, LÖ89a, LÖ89b, LÖ89c, LÖ89d, LÖ89e, LÖ89f, LÖ89g, LÖ89h, LÖ90a, LÖ90b, LÖ90c, LÖ90d, LÖ90e, LÖ90f, LÖ90g, LÖ90h, LÖ91a, LÖ91b, LÖ91c, LÖ91d, LÖ91e, LÖ91f, LÖ91g, LÖ91h, LÖ92a, LÖ92b, LÖ92c, LÖ92d, LÖ92e, LÖ92f, LÖ92g, LÖ92h, LÖ93a, LÖ93b, LÖ93c, LÖ93d, LÖ93e, LÖ93f, LÖ93g, LÖ93h, LÖ94a, LÖ94b, LÖ94c, LÖ94d, LÖ94e, LÖ94f, LÖ94g, LÖ94h, LÖ94i, LÖ94j, LÖ94k, LÖ94l, LÖ94m, LÖ94n, LÖ94o, LÖ94p, LÖ94q, LÖ94r, LÖ94s, LÖ94t, LÖ94u, LÖ94v, LÖ94w, LÖ94x, LÖ94y, LÖ94z].
Solubility [FL57, HDK72, Ho67, Kor79, Löw51d, Löw65k, Löw65p, Löw68g, Löw69e, Löw71f, Löw71g, Löw72d, Löw73e, Löw74e, Löw75e, Löw76, Löw77, Löw78, Löw79, Löw80, Löw81a, Löw81b, LÖ83, LÖ84a, LÖ84b, LÖ84c, LÖ84d, LÖ84e, LÖ84f, LÖ84g, LÖ84h, LÖ84i, LÖ84j, LÖ84k, LÖ84l, LÖ84m, LÖ84n, LÖ84o, LÖ84p, LÖ84q, LÖ84r, LÖ84s, LÖ84t, LÖ84u, LÖ84v, LÖ84w, LÖ84x, LÖ84y, LÖ84z].
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zahlr [Kle66b].

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