Title word cross-reference

1 [ZCT+14]. 18 [Tal99]. 2 [IN07, ZCT+14]. 24 [BB16, CKM+16]. 3
[IN07, LZLX10]. 8 [BB16, Via16]. E8 [CKM+19]. N
[CGV+03, CF10, Hau91, Hau95]. R3 [PKC16]. S [Kun92].

-Cube [Hau95, Hau91]. -dimensional [ZCT+14]. -space [ZCT+14]. -units
[Kun92].

12th [AL01]. 15th [MS02]. 16 [Hsi95]. 17th [SBG04]. 18th [HM05]. 1900
[Hil00, Hil01].

2002 [MS02,STDH02]. 2004 [ACM04]. 24-dimensional [Kia19].

3-dimensional [Oes00]. 3-polytopes [BH00]. 36th [ACM04]. 3DRSP
[BC22].
4th [HY14, IEE07].

6th [BR07].

82 [TS10b]. 88 [Mus98].

95g [Hsi95].


face [GJT12]. face-centered-cubic [GJT12]. false [HKRS23]. Families [GJT12]. Family [TJ09a, Ano97, Mus97, Mus98, TJ10b]. famous [Cas01]. Faster [Epp97]. FCC [BW01, EIH18, Sch00]. feedback [Sah06]. Ferguson
[TL06, Lag11b, Oes00, VG01]. field [Zau16]. fill [Sen81]. Filling
[PAHG12, Str28, Rén58]. fine [KGT15]. fine-grid [KGT15]. Finite
[AMB11, BW01, BS01, BH98, BBC98, B’04, PKC16, TGW89, Lep97].
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[vMFC09]. Function [Kla19, DS95]. Functions
[HSP00, AGMW13, Ano97, Kla19, Mus97, Mus98].
game [Gar01a]. garden [Fea10]. Gardner [Fea10]. gehalten [Hil00, Hil01].
Generalization [BH01, Che13]. Generalized [Gav08]. generate
[LRCG16, MT13]. generation [TS01]. generative [Hal01b]. Generators
[Mar85]. Genus [Kel06, Kel04]. Geometry [ACM01, GW93, Zon06, dGMM14, BR07, Gar01a, Gav08, Gru07, Hsi93a, Hsi94, ZD96].
gemeinsame [Gar08]. Georgia [Bil85].
Geräumigkeitsbedingungen [Mát93]. German [Gar12, Gro62, Hen98, HZ00, Hii00, Hii01, Lep97, Mát93, Min04, MPS02, SvdW53, Tót53, Tót72].
gitterförmige [Gri62, Min04]. Glamorgan [IEE07]. Global [HKRS23].
Globally [PKC16]. golden [HST10]. Graphs
[BS01, JS00, Kel06, ABGG16, Hal06d, Kel04, NBS06, NBS07]. Grassmann
[BN00, BN02, BN05, Hen05]. greatest [Szp03a]. grid [KGT15]. Groups
[CS+88, CS+93, CS99, MPS02, Szi93, Tho79, Tho83]. growth [Gar12].
Guest [TL06].

Hale [Mor05]. Hales
[TL06, Ano20a, Hsi95, Jos12, Lag11b, Oes00, Ste99, VG01]. Hamming
[RZ12]. Handbook [GW93]. Hard [AM07, AGM08, MT02a, RT98, BCR83, Bal11, DTSC04, DTS05a, DTS05b, DCST07, HAEG11, PZ06, TS01, TUS06, TS0a, TS10b, TJ12, ZBT+99, vMFC09]. hard-particle
[TS01, TS10a, TS10b]. Hard-sphere [RT98, DTSC04, ZBT+99]. HCP
[Sch00]. held [CAL+13, Hii00, Hii01]. helfen [Gar12]. Help [Ano99, Gar12].
helfen [Szp03a]. heuristic [LTX+13]. Heuristics [SBH07]. hexagonal
[BS13]. high [SST08, SDST06, TUS06]. high-dimensional [SDST06].
Higher [Max91, HM05, Lee64, SBG04]. highly [Kla19]. Hilbert [Jos12].
Historical [Hal06a]. history [Szp03a, Wea99]. HOL [Har13, KU13, Obu05].
Holes [MVG05]. honeycomb [Hai01a]. Honeycombs [Hal00, Kla00].
Hurwicz [DFM17]. Hydrophobic [BW01]. hyper [Ano97, Mus97, Mus98].
Hyperbolic [BR03]. hyperspheres [AW10, SDST06]. hyperuniform
ICCS [STDH02]. ICMS [FVJT10, HY14]. identical [CGV+03]. II
[DTS05b, Hal97a, Hal97c, ON09]. III [Hal06b, STDH02]. IJCAR [FS07],
Illinois [ACM04]. in [Hen98, HZ00, Tót53, Tót72]. Implementing [SBH07],
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[Lep97]. infiniten [Lep97]. infinity [Gar01a]. Integral [FS11, Nor06].
intelligence [Gav08, MS02]. Intelligencer [Hsi95]. Intelligent [CAL+13].
interdimensional [Ano97, Mus97, Mus98]. Interface [Bil85]. International
[FVJT10, FS07, HY14, IEE07, STDH02, SBH07, BR07, HM05, SBG04, Hil00,
Hil01]. internationalen [Hil00, Hil01]. interpolation [CKM+19]. Interval
[Ano99, Mar07]. Introduction [MT02b]. Isabelle [Obu05]. Isabelle/HOL
[Obu05]. Isoperimetric [Bez97]. isostaticity [JT11]. Israel [AL01]. ISVD
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[DTSC04, SAF10]. Japan [FVJT10]. Jerusalem [AL01]. Joint
[FS07, MS02]. July [AL01, CAL+13]. June [ACM01, ACM04].

Kepler [Hsi95, TS10b, TL06, Ano99, BB14, Bez13, Bra95, Gar12, Hal94,
Hal98, Hal02, Hal03, Hal04, Hal05, HF06, Hal06a, Hal10, HMM+10, HF11,
HAB+15, HL03, Hen98, HZ00, Hsi93b, Hsi93c, Hsi01, HS14, Jos12, Lag02,
Lag11b, Lag11a, Mar11, Mus00, Szp03c, Szp03a, TS10a, Mor05].
Kepler-Vermutung [HZ00]. Keplerschen [Hen98]. key [Bra95]. kissing
[Tal99, Zou96]. knowledge [LTX+13]. knowledge-based [LTX+13]. Kobe
[FVJT10]. Kongreß [Hil00, Hil01]. kongruenter [Gro62, Min04]. Korea
Kugeln [Tót53, Tót72, Hen98, HZ00, SvdW53]. Kugelpackungen
[MPS02, Lep97]. Kugelsysteme [Mát93].

Lagerung [Gro62, Min04]. Lagerungen [Tót53, Tót72]. Laplacian
[KOT22]. Large [KOT22, PZ06]. Lattice [EIH18, BH00, EDM09, Gro62,
Hoy70, KGT15, KK90, Lee67a, Lee69, MT13, Min04]. lattice-Boltzmann
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Laying [Rog68]. Least [Hsi01]. Lecture [Hil00, Hil01]. Leech [CKM+19].
Lewis [Fea10]. Light [Har13, KU13]. Limits [BS01]. Linear
[Hal10, AGMW13, CT22, DTSC04, Hal06d, MT13, Obu05, ON09]. Liquid
[MT02b]. list [DTS05a, DTS05b]. LMS [Obu02b]. Local
[Mud93, Str28, SBH07, HST10, Lag02, HKRS23]. Locations [Wan00]. loci
Longstanding [Ano23]. lot [AW10]. Low [CS95]. Lower
[MVG05, TS06, AF06].

M [Fea10]. Magic [Kla19]. Manifold [BN05, BN02]. Manifolds
many [NIS14], maps [Per02], March [Bil85], Marsaglia [AW10], Massachusetts [ACM01], matching [AL01], Math [Ane23, Kla19, Mus98, Szp03a], Math. [Hsi95], Mathematical [Bun06, Cas01, Coh09, FVJT10, Hil00, Hil01, Hil02, Hil00, Fca10, Bra95, FVJT10, HY14], Mathematicians [Cep23, Hil00, Hil01, Kla19], Mathematicians-Kongre [Hil00, Hil01], Mathematick [Gar12], Mathematik [Gar12], Mathematicians [Cep23, Hil00, Hil01], Mathematics [Dav05, Pit19, Szp03b, AH14, Avi19, CAL+13, Gar01a, TKUG13, Gar12], Mathematik [Gar12], Mathematiker [Hil00, Hil01], Mathematiker-Kongre [Hil00, Hil01], Mathematik [Gar12], Mathematiker [Hil00, Hil01], Mathematische [Hil00, Hil01], Matlab [BC22], Matlab-based [BC22], Matrix [HSP00], Max [Wan00], Minimal [Oes00, HST10], maximale [Oes00], Maximally [JT11], Maximum [BK10, BKM91, LZLX10], mean [XGW13], meaning [HL03], mechanism [Avi19], Medford [ACM01], Medial [Wan00], Meets [Rad04, LTU00], Meshing [BE00], metastable [RT98], method [AGMW13, LJJ13], methods [Mar07], metrical [BLR10], Min [Wan00], Min-Max [Wan00], minds [Szp03a], Minimal [CGV+03, CF10], Minimizing [BS08], minimum [BK10], Minkowski [Tó99], mixtures [XLNQ20], MKM [CAL+13], Mod [TS10b], modeling [ZSRB07], modular [CT22], molecular [DTSo5a, DTSo5b], monotile [SMKGS23], most [Cas01], mountaintops [Cas01], MR1281754 [Hsi95], MRT [KGT15], MRT/TRT [KGT15], Multi [IN07], Multi-sphere [IN07], Multiple [Bli99], Multiplicity [TS01], multiscale [Zau16], myriad [Kla19], Mysteries [LZ12], Natural [Bra95], Neighbor [DTS05a, DTS05b], Netherlands [STDH02], Networks [Cor02], Neural [Cor02], News [Edw16], Newton [Bra95, HL03], Nive [Kep11], no [Hsi95], non [AGMW13, Lee67a, Lee69], non-lattice [AGMW13], Nonobtuse [Epp97], nonspherical [DTSo5a, DTSo5b, DCS07, TJ12], Note [TS10b], Notes [Lee67b], Number [Mar85, Gar01a, GLM+03, Tal99], Numbers [Hau95, Han91, Tom20, Zon96], Numerical [AH75, Gar12, KGT15], numerische [Gar12], object [BS08], objects [LZLX10], octahedra [GEK11], Oded [Roh11], oldest [Szp03a], One [CM00, Kla19, Bra95, Rén58, Szp03a], one-dimensional [Rén58], Online [LMX19, ZCT+14, HMS16], Optimal [CM00, JST09, Kup07, NÖad099, PAHG12, Szi93, TS06, Wan00, ZBT+99, CK91, EDM09, MPS02, SST08], optimalen [MPS02], Optimality [EIH18, CKM+19, Mar07], Optimally [BW01], Optimization [Cor01, LTX+13], Optimized [PKC16], Orange [Cor02], Orbits [Rad04], Orbs [Rad04], Order [THBM07, HM05, SBG04], orders [She19], Organizing [TJ12], orthogonal [Tam93], Other [MPS+16, Gar01a, Moh93], overlapping [BDH+05], overview [Hal06a], Oxford [HM05].
P [Lag11b, Oes00].  P. [TL06].  package [BDH+09].  Packed  
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Coh17, CT06, Cor02, Cor01, EIH18, Epp97, Gar01b, Gil79, HSP00, Han91, 
Han95, He17, He19, Hol21, IN07, JZ23, Kup07, LZ12, LHXG23, MT02a, MC06, 
Max91, MPS+16, Rad04, Rog64, SMF23, SHWP09, Sch79, SDST06, TGW89, 
TK93, Wan99, Wan00, YLG+14, ZRD+14, Zin94, AW10, AH75, AS12, Ano97, 
BKR83, BB14, BB16, BS13, Ber93, BS08, BC22, BS70, CHH+01, CK91, 
CKM+16, CT22, DFMI7, D955, EDM09, Fca10, GEK11, Hal92, Hen05, 
Hig61, HMS16, HST10, Hoy70, Hsi93b, Hsi93c, Hsi01, JT85, LTU00, LZLX10, 
LTX+13, LJ13, LMX19, Mar11, Mar07, Min04, Moh93, Mus97, Mus98, Oes00, 
RZ12, Roh11, Sah06, Sch06, Slo84, Sol67, Tan79, Via16, Wea99, XGW13, ZSRB07, 
ZBT+99, ZCT+14, Zon13].  Packings  [AM07, AGM08, AMB11, BW01, BN00, BN05, 
BH98, BBC98, BH01, CE03, CS+88, CS95, FS11, Gen04, GORT02, Hal97b, Hal97c, Hal06c, Hal12, HC16, 
Kel06, Mud93, MVG05, Noad599, PKC16, TS06, TJ09a, Töt99, Zon22, 
ABGGN16, BK10, BN02, BH00, Bez06, CRCS20, CEG10, Che10, CS+93, 
CS99, DTS04, DCT04, DCST07, Fer06, GLM+03, HKRS23, Hal93, Hal97a, 
Hal01b, Hal06b, Hal06d, JST09, JT11, KEG09, KEG10, Kel04, KGT15, Kun92, 
KK00, Lag02, Lee64, Lee67a, Lee67b, Lee69, LS71, Lep97, LTE97, MT13, MPS02, 
Nor06, PZ06, Per02, SST08, She19, Slo81, Szi93, Tho79, Tho83, Tom20, TS01, 
TJ90c, TJ90b, TJ10a, TJ10b, TS10a, TS10b, TJ12, VG01, Zan16, ZT99].  packs  
papers  [BR07].  paquets  [Ber93].  paradoxes  [Gar01a].  Parallel  [BKM91]. 
parametric  [Sch00].  Paris  [Hil00, Hil01].  Park  [SBG04].  parking  [AW10].  
part  [CAL+13, STDH02].  Particle  [XGW13, LTX+13, TS01, TS10a, TS10b].  
particles  [DTS05a, DTS05b, DCST07, TJ12].  Partitioning  
[CJS92, Kel06, BLR10, Kel04].  pattern  [AL01].  patterns  
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percolation  [BS13].  Perfect  [AW00, AS12].  perimeter  [CGV+03, CF10].  
Periodic  [Zin94, KEG09, KEG10, TJ10b].  Perron  [Per02].  perspective  
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phenomena  [ZD96].  Philosophy  [Bra95].  Photo  [YLG+14].  Phys  [TS10b].  
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Planning  [Wan99].  Platonic  [BK10, JT11, SAF10, TJ09c, TJ09b, TJ10a].  
pokrytije  [Rog68].  polydisperse  [ZBT+99].  polyhedra  [GJT12, TJ09b].  
polyhedron  [AF06].  Polynomial  [MPS+16].  Polynomial-Time  [MPS+16].  
polytopes  [BH00].  Pontevedra  [BR07].  Pontyppard  [IEE07].  practice  
[Har08].  Principia  [Bra95].  principle  [HSi01].  Principles  [Bra95, TJ12].  
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Probability  [SE92, Gar01a].  Probleem  [Str28].  Problem  
[Ano23, Che08a, Cor02, Gil79, HS14, SvdW53, AS12, BB16, Bra95, CKM+16,
Hal92, HL03, Hsi93b, Hsi93c, LTX+13, Mar11, Rén58, Str28, Via16, ZSRB07.

**Problems** [Hil00, Hil01]. **Problems** [CJS92, Hil00, Hil01, IN07, MC06, MPS+16, BS08, Cas01, Gar01a, Hil00, Kla19, Szp03a, Wea99].

**Procedures** [TS01]. **Proceedings** [MS02, STDH02, Bil85, ACM01, ACM04, AL01, CAL+13, FVJT10, FS07, HY14, SBH07, HM05, SBG04]. **Processing** [dGMMMD14]. programming [CT22, DTSC04, MT13].

programming [Hal06d, Obu05, ON09].

proof [Hal04, Hal08, BB14, Hal03, Hal05, HHM+10, HAB+15, Har08, Hen98, Hsi93b, Hsi93c, Lag11b, Lag11a, Szp03b, Mor05].

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Pursuit [AW00]. puzzles [Gar01a].

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Search [LHXG23, SBH07]. Seattle [FS07]. sections [Bra95]. seems [NIS14].

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Seu [Kep11]. seven [Lee69]. seventeenth [ACM01]. Sexangula [Kep11]. Shape [THBM07].


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Soft [EIH18, SAF10]. Software [FVJT10, HY14]. Solarians [Ste99]. solids
[BK10, JT11, SAF10, TJ09c, TJ09b, TJ10a]. **Solitary** [Ste99]. **Solution** [Kla19, HL03]. solve [Kla19, Szp03a]. **solved** [BB16]. **solvent** [BDH+05]. **Solves** [Ano23]. **Solving** [MC06]. **Some** [FS11, Hal03, Lee64, Szi93, Szp03a]. **South** [HY14]. **Space** [BKGM1, BR03, Har13, GHT12, Kla19, Lee64, MPS02, PZ06, RZ12, Ren8, Sen81, Szi93, Tót53, Tót72, ZCT+14]. spaces [SDST06]. **spaciousness** [Má93]. **Spain** [BR07]. **Spectral** [Kel04, Kel06, BLR10].

**Sphere** [AGM08, AMB11, BW01, BB16, BC98, Bez06, Bli99, Che08a, CM00, CE03, Coh17, CS+88, CS+93, CS95, CS99, Cor02, EIH18, Fer06, Hal97a, Hal97b, Hal97c, HSP00, Hal01b, Hal06b, Hal06c, Hal06d, Hal12, Haut91, Haut95, He17, He19, Hen05, HC16, Kun92, LS71, MT02a, Max91, Moc93, MGH05, Rad04, TS06, TGW89, Tót99, Wan00, XLNQ20, ZT99, AS12, Ano97, BB14, BS08, BC22, CRCS20, CHH+01, CK91, CKM+16, CT22, DFM17, DTSC04, EDM09, Hal92, Hal93, Szi93b, Szi93c, HS14, IN07, KGT15, Lag02, Lee64, Lec67a, Lec67b, Lee69, LTÜ00, LJ13, LMX19, LRCG16, MT13, Mát93, MPS02, Mus97, Mus98, Oes00, Oes00, RT98, Sah06, SST08, She19, Szi93, Tho79, Tho83, VG01, Via16, ZSRB07, Zau16, ZBT+99, Fca10, Lep97]. **Sphere-Packing** [Cor02, Hen05, Oes00, Szi96]. **Spheres** [AM07, BN00, BN05, BKH98, BKG+91, BR03, Gen04, GORT02, LHXG23, PKC16, Ste99, Wan99, Zin94, BCR83, BN02, BDH+05, Gar01b, Hig61, Szi93a, Szi94, JT85, PZ06, SHWP09, Sch06, Slo8, Slo4, TUS06, vMFC09, Oes00, Hen98, HZ00]. **Spherical** [Cep23, HST10, Kup07, Slo81]. **Spiegelungsuntergruppen** [MPS02]. spinodal [BCR83]. **Spirals** [BH01]. **Square** [NÖad599, Mar07, ZCT+14]. squeeze [Coh09]. **Stability** [BBC98, LJ13]. stable [BK10]. stack [Sz03b]. standard [NIS14]. State [MT02b]. statistical [Hig61]. statistics [Bil85, RT98]. status [Hal94, Szi95]. **Stephen** [Ste99]. Stiefel [Hen05]. **Stochastic** [SBH07]. storage [Gro62]. Strange [ZD06]. strategy [LTX+13]. **Strena** [Kep11]. Strings [BKG+91]. strong [Bez13]. strongly [Zau16]. Structural [AGM08, Mar07]. structures [Ano97, Mus97, Mus98]. Study [Mar11, Ano97, Hig61, Mus97, Mus98, vMFC09]. subgroups [MPS02]. **Subsets** [Hau95, Haut91]. superballs [JST09]. surface [AF06, BDH+05]. surfaces [Mol93, SHWP09]. swarm [LTX+13]. **Symmetric** [BH01, Kla19]. **Symmetry** [TJ09a, THBM07, Wey52, Wey82, Wey89]. **Symposium** [ACM01, ACM04, Bil85, IEE07, AL01]. system [Bal11]. **Systems** [CAL+13, Mát93].

T. [Hs95]. **Tables** [Slo81]. Tame [Hal06d, NBS06, NBS07]. taxonomy [CRC20]. Technique [MC06]. templates [AGMW13]. Tessellations [GORT02, GHT12]. test [AW10, AH75, DTSC04]. **Tetraeder** [Gro62].

**Tetrahedra** [AM07, Che08b, CT06, LZ12, CEG10, GKE10, Gro62, HAEK+09, HAEK11, Hoy70, KEG09, KEG10, Sen81, Tal99, TJ10b, Zon96, Zon13]. tetrahedral [Che10]. **Tetrahedron** [TJ09a, Zon22, Bal11]. **Them** [Kla19]. theorem


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