A Brief Bibliography of Publications about the Kepler Conjecture

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Title word cross-reference


-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]. 24-dimensional [Kla19].

3-dimensional [Oes00]. 3-polytopes [BH00].
4th [HY14, IEE07].

6th [BR07].

82 [TS10b]. 88 [Mus98].

95g [Hsi95].

accessible [BDH]+05. according [Oes00]. achievement [BCR83]. action [Hsi01]. addition [TUS06]. ADG [BR07]. Advances [HSP00, MS02].


Algorithmic [DTS05a]. Algorithms [CHH]+01, SE92, SBH07, Hal03, Kao08, ZCT+14. along [RT98].

Amorphous [PZ06, RT98]. Amsterdam [STDH02]. Analysis [AGM08, CJS92, BCR83, LJ13]. analytic [BDH]+05. Analytical [TJ09a].


Approach [Cor02, Ano97, Gav08, Mus97, Mus98, Mus00, RZ12, ZSRB07]. April [STDH02]. Arbitrary [PKC16, LRCG16]. Archimedean [TJ09c, TJ09b, TJ10a], area [AF06, BDH]+05, CF10]. arising [Hal03].


Asymmetric [CM00]. Athermal [SAF10]. Atlanta [Bl185]. August [BR07, FS07, HY14, HM05]. Australia [MS02]. Australian [MS02].

Automated [KU13, Wan99, BR07, FS07]. Automating [Edw16]. Axis [Wan00].

back [Jos12]. Ball [Töt53, Töt72]. Balls [Kup07]. Based [Cor02, Gav08, LJ13]. basic [LZLX10, ON09]. Bath [CAL]+13. be [NIS14].


C [Hsi95, Lag11b, Oes00, TL06]. calculations [CGV]+03. Calculemus [CAL]+13. Canberra [MS02]. Cannonballs [Hal00]. cases [Hal06b].

Cavity [RZ12]. centered [JGT12, Kun92]. cercles [Ber93]. Certification
Characterization [MPS02]. Chervonenkis [Hau91, Hau95].

CICM [CAL+13]. Circle [FS11, Tödt99, BS08, LMX19, Ber93]. circles [CK91, SHWP09]. City [SBG04].

classic [Gar01a]. classification [TS01].

cleavage [ZSRB07]. Close [Zin94, BCR83, JT85]. closest [Mar11, Min04].

clumping [NS14]. clusters [VG01]. CMAC [Cor02]. CMAC-Based [Cor02].


collision [DTS05a, DTS05b]. collision-driven [DTS05a, DTS05b]. colossal [Gar01a].

Combinatorial [Cor01, AL01]. combinatorics [Sch79]. Compact [BW01]. complete [Tan79]. completed [BB14].

Computational [ACM01, STDH02, Gav08, ZSRB07]. Computations [Ano99].

Computer [Bil85, Gar12, Hen98, HZ00, JT85, Max91, CAL+13, Hal02]. Computing [IEE07, BDH+05].

Conceptual [Coh17]. concerning [Rén08]. Conditions [Zin94, Mátr93]. Conference [FS07, HY14, MS02, STDH02, HM05, SBG04].

confined [CF10]. Congress [FVTJ10, Hii00, Hii01]. Congruent [Kup07, CHH+01, Gro62, Min04].

Conjectural [TS06]. Conjecture [Ano99, Hal10, Hen98, Hsi95, TL06, AH75, BCR83, BB14, Bez97, BS70, Hal01a, HM10, HAB+15, HZ00, Hsi01, Mar11, Szp03c, Beiz13, Hal94, Hal98, Hal02, Hal03, Hal04, Hal05, HF06, Hal06a, HMM+10, HF11, Hsi93b, Hsi93c, Lag02, Lag11b, Lag11a, Mus00, Szp03a, Mor05].

Constructions [TJ09a, TJ10b]. Container [Kup07]. containers [Sch06]. containing [Bra95, MPS02]. convergence [LJ13]. Convex [GW93, Gro07, Zon06, KK90, TK93, Töt08, ZD96].

Cores [BW01].


correlated [Zau16]. correlations [JT11]. Covering [B04, CT06, Cor01, TGW89, Töt08, Rog64, Rog68, Sch79, TK93].

Coxeter [MPS02]. Coxetters [MPS02]. CPM [AL01]. Craig [Che13]. created [TJ12].

creating [Zau16]. crystal [DSCT04, Gar12, Hsi01]. crystal-growth [Gar12].


Current [Mar85].

D [IN07, LZLX10]. Damped [DFM17]. d’après [Oes00]. December [MS02].

decomposition [BCR83]. deduction [BR07]. deformable [CF10].

Delaunay [AGM08]. Delone [MVG05]. Dense [AM07, Che08b, CEG10, Gen04, Hal12, KEG09, KEG10, TJ09a, TJ09c, TJ09b, TJ10a, DSCT04, Hsi01, TJ10b, TJ12].

Densely [Ste99, HAEK+09].

Densest [BH00, BR03, Gro62, Hoy70]. Densité [Oes00]. densities [LZLX10, Zon13].

Density [BKM91, Mud93, MVG05, TS06, AH75, GKE11, Hal93, HST10, Lag02, NIS14, Oes00, SST08, Sch00, Sol67, ZRD+14].


Diagrams [IEE07]. dichteste [Gro62, Min04]. Dilemma [Bun06].


face [GJT12]. face-centered-cubic [GJT12]. Families [GJT12]. Family [TJ09a, Ano97, Mus97, Mus98, TJ10b]. famous [Cas01]. FCC [BW01, Sch00]. feedback [Sah06]. Ferguson [TL06, Lag11b, Oes00, VG01]. field [Zau16]. fill [Sen81]. Filling [PAHG12, Str28, Rén58]. fine [KGT15].


Free [MT02a]. French [Ber93, Oes00]. frictionless [SAF10]. front [LTÜ00]. frustration [vMFC09]. Function [Kla19]. Functions [HSP00, AGMW13, Ano97, Kla19, Mus97, Mus98].

game [Gar01a]. gehalten [Hil00, Hil01]. generalization [Che13]. Generalized [Gav08]. generate [LRCG16]. generation [TS01]. generative [Hal01b]. Generators [Mar85]. Geometrical [vMFC09, HL03]. Geometry [ACM01, GW93, Zon06, dGMMD14, BR07, Gar01a, Gav08, Gru07, Hsi93a,
geometry-based [Gav08]. Georgia [Bil85].

Geräumigkeitsbedingungen [Mát93]. German [Gar12, Gro62, Hen98, HZ00, Hii00, Hii01, Lep97, Má93, Min04, MPS02, SvdW53, Tó53, Tó72].
gitterförmige [Gro62, Min04]. Glamorgan [IEE07]. Globally [PKC16], golden [HST10], graphs [Hal06d, NBS06, NBS07]. Grassmann [BN00, BN02, BN05, Hen05].
greatest [Szp03a]. grid [KGT15].
gitterformige [Gro62, Min04]. Glamorgan [IEE07]. Globally [PKC16].
Geraumigkeitsbedingungen [Mát93].

Germ [Bil85].

HCP [Sch00]. Held [CAL+13, Hil00, Hii01]. helfen [Gar12]. Help [Ano99, Gar12].

helped [Szp03a]. Heuristics [SBH07]. 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 [Hal01a]. Honeycombs [Hal00, Kla00]. Hurwicz [DFM17].

Hydrophobic [BW01]. hyper [Ano97, Mus97, Mus98]. Hyperbolic [BR03]. hyperspheres [AW10, SDST06]. hyperuniform [JT11].

ICCS [STDH02]. ICMS [FVJT10, HY14]. identical [CGV+03]. II [DTS05b, Hal97a, Hal97c, ON09]. III [Hal06b, STDH02]. IJCAR [FS07]. im


[Lep97]. infinity [Gar01a]. Integral [FS11]. intelligence [Gav08, MS02].

Intelligencier [Hsi95]. Intelligent [CAL+13]. interdimensional

[Ano97, Mus97, Mus98]. Interface [Bil85]. International [FVJT10, FS07, HY14, IEE07, STDH02, SBH07, BR07, HM05, SBG04, Hii00, Hii01].

internationalen [Hii00, Hii01]. interpolation [CKM+19]. Interval [Ano99].

Introduction [MT02b]. Isabelle [Obu05]. Isabelle/HOL [Obu05].

Isoperimetric [Bez97]. isostaticity [JT11]. Israel [AL01]. ISVD [IEE07].

IV [Hal06c].

Jammed [TS10a, DCST07, JT11, TS01, TS10b]. jamming

[DTSC04, SAF10]. Japan [FVJT10]. Jerusalem [AL01]. Joint

[FS07, MS02]. July [AL01, CAL+13]. June [ACM01].

Kepler [Hsi95, TS10b, TL06, Ano99, BB14, Bez13, Bra95, Gar12, Hal94, Hal98, Hal02, Hal03, Hal04, Hal05, HF06, Hal06a, Hal10, HHM+10, HF11, HAB+15, HL03, Hen98, HZ00, Hsi93b, Hsi93c, Hsi01, HS14, Jos12, Lag02, Lag11b, Lag11a, Mar11, Mus00, Szp03c, Szp03a, TS10a, Mor05].

Kristallwachstum [Gar12]. Kugeln [Töt53, Töt72, Hen98, HZ00, SvdW53].

Kugelpackungen [MPS02, Lep97]. Kugelsysteme [Mår93].


Least [Hsi01]. Lecture [Hil00, Hil01]. Leech [CKM+19]. Light [Har13, KU13]. Linear [Hal10, AGMW13, DTSC04, Hal06d, Obu05, ON09]. Liquid [MT02b]. list [DTS05a, DTS05b]. Local [Mud93, Str28, SBH07, HST10, Lag02]. Locations [Wan00]. loci [Str28].

logics [HM05, SBG04]. long [JT11]. long-range [JT11]. lot [AW10]. Low [CS95]. Lower [MVG05, TS06, AF06].


Mathematical [Bun06, Cas01, Coh09, FVJT10, Hill00, Hill01, Hill02, Hill00, Bra95, FVJT10, HY14]. Mathematicians [Hill00, Hill01, Kla19].

Mathematics [Dav05, Sp03b, AH14, CAL+13, Gar01a, TKUG13, Gar12]. Mathematik [Gar12]. Mathematiker [Hill00, Hill01].


Natural [Bra95]. Neighbor [DT50a, DTS05b]. Netherlands [STDH02].

Networks [Cor02]. Neural [Cor02]. News [Edw16]. Newton [Bra95, HL03].


Number [Mar85, Gar01a, Tal99]. Numbers [Hau95, Hau91, Zon96].

Numerical [AH75, Gar12, KGT15]. numerische [Gar12].
object [BS08]. objects [LZLX10]. octahedra [GEK11]. oldest [Szp03a]. One [CM00, Kla19, Bra95, Rén58, Szp03a]. one-dimensional [Rén58].

Online [LMX19, ZCT+14]. Optimal [CM00, JST09, PAHG12, Szi93, TS06, Wan00, ZBT+99, CK91, EDM09, MPS02, SST08]. optimalen [MPS02]. optimalität [CKM+16]. Optimally [BW01]. Optimization [Cor01]. Optimized [PKC16]. Orange [Cor02].

Orbits [Rad04]. Orbits [Rad04]. Order [THBM07, HM05, SBC04]. Organizing [TJ12]. other [Gar01a]. overlapping [BDH+05]. overview [Hal06a]. Oxford [HM05].

P [Lag11b, Oes00]. P. [TL06]. package [BDH+05]. Packed [Ste99, HAEK+09]. Packing [AW00, BKM91, Bli99, B’04, BR03, Che08b, Che08a, CM00, CJJS92, Coh17, CT06, Cor02, Cor01, Gar01b, GiI79, HSP00, Hau91, Hau95, He17, IN07, Kup07, LZ12, MT02a, Max91, Rad04, Rog64, SHWP09, Sch79, SDST06, TGVW93, Wan99, Wan00, ZRD+14, Zin94, AW10, AH75, AS12, Ano97, BCR83, BB14, BB16, Ber93, BS08, BS70, CHH+01, CK91, CM+16, DFM17, EDM09, GKE11, Hail92, Hen05, Hig61, HST10, Hoy70, Hsi93b, Hsi93c, Hsi01, JTB5, LTL00, LZXLX10, LJ12, LMX19, Mar11, Min04, Mus97, Mus98, Oes00, RZ12, Sah06, Sch06, Slo4, Sol67, Tan79, Via16, Wea99, XGW13, ZSRB07, ZBT+99, ZCT+14, Zon13].

Packings [AM07, AGM08, AMB11, BW01, BN00, BN05, BH98, BCC98, CE03, CS+88, CS95, FS11, Gen04, GORT02, Hal97b, Hal97c, Hal06c, HC16, Mdu93, MVG05, PKC16, TS06, TJO9a, Tót99, BK10, BN02, BH00, Bez06, CEG10, Che10, CS+93, CS99, DTSC04, DSCT04, DCST07, Fer06, Hal93, Hal97a, Hal01b, Hal06b, Hal06d, Hal12, JST09, JT11, KEG09, KEG10, KGT15, Kun92, KK90, Lag02, Lee64, Lee67a, Lee67b, Lee69, LS71, Lep97, MPS02, PZ06, SST08, Slo81, Szi93, Tho79, Tho83, TS01, TJO9c, TJ09b, TJ10a, TJ10b, TS10a, TS10b, TJ12, VG01, Zau16, ZT99]. packs [LRCG16].

quadratic [Hal07], Quasi [AM07], Quasi-Regular [AM07], quasicrystalline [HAEK+09].
two-dimensional [AH75]. type [Hsi01]. typological
[Ano97, Mus97, Mus98].

UK [CAL+13, HM05, IEE07]. Ukladki [Rog68]. Underconstrained
[BBC98]. units [KEG09, KEG10, Kun92]. Universal [CKM+19].
University [IEE07]. Unusually [DSCT04]. Upper [CE03, GEK11]. USA
[FS07, SBG04, ACM01]. used [Kla19]. Utah [SBG04].

V [Fer06]. Validating [Mus00]. Vapnik [Hau91, Hau95]. verification
[Hal02]. verified [AH14]. Vermutung [Hen98, HZ00]. version [Bez13].
verstehen [Gar12]. versus [Sch00]. Very [Bun06]. VI [Hal06d]. via
[BDH+05, GJT12, Sch00]. View [Mar85]. vol [TJ10a]. Volume
[MT02a, BDH+05]. Voronoi [IEE07, AF06, Gav08, GORT02]. Vortrag
[Hil00, Hil01].

WA [FS07]. Wales [IEE07]. Weighted [dGMMD14]. Which [Sen81].
Whither [Dav05]. Wiki [TKUG13]. Window [Zon06]. Workshop
[SBH07, BR07]. world [Szp03a]. Wurstkatastrophen [Lep97].

XXX [Hal01b].

Zeta [HSP00]. Zur [Lep97].

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