A Brief Bibliography of Publications about the Kepler Conjecture

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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1 [ZCT+14]. 18 [Tal99]. 2 [IN07, ZCT+14]. 24 [BB16, CKM+16]. 3
[IN07, LZLX10]. 8 [BB16, Via16]. N [CGV+03, CF10, Hau91, Hau95]. Rd
[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].

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algebraic [Kun92]. Algorithm [Zin94, DFM17, DTSC04, LRCG16, Zau16]. Algorithmic [DTS05a]. Algorithms [CHH+01, SE92, SBH07, Hal03, Kao08, ZCT+14]. along [RT98].

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

Cavity [RZ12]. centered [GJT12, Kun92]. cercles [Ber93]. Certification
Characterization \cite{Hau91, Hau95}. Chervonenkis \cite{MPS02}. CICM \cite{CAL13}. Circle \cite{FS11, Töt99, BS08, Ber93}. \textit{circles} \cite{CK91, SHWP09}. City \cite{SBG04}. classic \cite{Gar01a}. classification \cite{TS01}. cleavage \cite{ZSRB07}. Close \cite{Zin94, BCR83, JT85}. closest \cite{Mar11, Min04}. clumping \cite{NIS14}. clusters \cite{VG01}. \textit{clusters} \cite{VG01}. CICM \cite{CAL13}. Circle \cite{FS11, Tot99, Tho83}. Coding \cite{CM00}. collective \cite{LJ13}. collision \cite{DTS05a, DTS05b}. collision-driven \cite{DTS05a, DTS05b}. colossal \cite{Gar01a}. Combinatorial \cite{Cor01, Al01}. combinatorics \cite{Sch79}. Compact \cite{BW01}. complete \cite{BB14}. Comput \cite{Mus08}. Computational \cite{ACM01, STDH02, Gav08, ZSRB07}. Computations \cite{Ano99}. Computer \cite{Bil85, Gar12, Hen98, Zon13}. convergence \cite{LJ13}. Convex \cite{GW93, Gro07, Zon06, KK90, TK93, Töt08, ZD96}. Cores \cite{BW01}. \textit{Cores} \cite{BW01}. Cornered \cite{Kep96}. correcting \cite{LS71, Tho83}. Correction \cite{BN05}. correlated \cite{Zau16}. correlations \cite{JT11}. Covering \cite{B04, CT06, Cor01, TGW89, Töt08, Rog64, Rog68, Sch79, TK93}. Coxeter \cite{MPS02}. Coxetersche \cite{MPS02}. CPM \cite{AL01}. Craig \cite{Che13}. created \cite{Zau16}. crystal \cite{DSCT04, Gar12, Hsi01}. \textit{crystal} \cite{Gar12}. \textit{crystalline} \cite{CEG10, HAEK+09}. \textit{crystals} \cite{Gar12}. Cube \cite{Gen04, Hau95, Zon06, Hau91}. cubic \cite{GJT12}. cubooctahedra \cite{Zon13}. Current \cite{Mar85}.
[Hau95, CKM+16, Hau91, Oes00, PZ06, Via16]. dimensional [AH75, Ano97, Lee67a, Lee69, Mus97, Mus98, Oes00, Rén58, SDST06, ZCT+14, vMFC09].

driven [DTS05a, DTS05b]. Dutch [Str28]. dynamics [Bra95, DTS05a, DTS05b, LJ13]. dynamics-based [LJ13].


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, Hsi94, ZD96]. geometry-based [Gav08]. Georgia [Bil85].

Geräumigkeitsbedingungen [Mát93]. German [Gar12, Gro62, Hen98, HZ00, Hil00, Hil01, Lep97, Máth93, Min04, MPS02, SvdW53, Töt53, Töt72].
gitterförmige [Gro62, Min04]. Glamorgan [IEE07]. Globally [PKC16].
golden [HST10]. graphs [Hal06d, 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, Hsi95, Jos12, Lag11b, Oes00, Ste99, VG01].
Hamming [RZ12]. Handbook [GW93]. Hard [AM07, AGM08, MT02a, RT98, BCR83, Bal11, DTSC04, DTS05a, DTS05b, DCST07, HAE911, PZ06, TS01, TUS06, TS10a, TS10b, TJ12, ZBT+99, vMFC09]. hard-particle
[TS01, TS10a, TS10b]. Hard-sphere [RT98, DS04, ZBT+99]. HCP
[Sch10]. held [CAL+13, Hili00, Hili01]. helfen [Gar12]. Help [Ano99, Gar12].
hyper [Ano97, Mus97, Mus98]. Hyperbolic [BR03]. hyperspheres
[AW10, SDST06]. hyperuniform [JT11].
Kugelpackungen [MPS02, Lep97]. Kugelsysteme [Mát93].


Organizing [TJ12]. other [Gar01a]. overlapping [BDH+05]. overview [Hal06a]. Oxford [HM05].

P [Lag11b, Oes00]. P. [TL06]. package [BDH+05]. Packed [Str99, HAEK+09]. Packing [BKM91, Bil99, B’04, BR03, Che08b, Che08a, CM00, CJS92, Coh17, CT06, Cor02, Cor01, Gar01b, Gil79, HSP00, Hau91, Hau95, IN07, Kup07, LZ12, MT02a, Max91, Rog64, SHWP09, Sch79, SDST06, TGW89, TK93, Wan99, Wan00, ZRD+14, Zin94, AW10, AH75, AS12, Ano97, AW00, BCR83, BB14, BB16, Ber93, BS08, BS70, CHH+01, CK91, CMK+16, DFM17, EDM09, GEK11, Hal92, Hen05, Hig61, HST10, Hoy70, Hsi93b, Hsi93c, Hsi01, JT85, LTU00, LZLX10, LJ13, Mar11, Min04, Mus97, Mus98, Oes00, RZ12, Sah06, Sch06, Sol84, Sol67, Tan79, Via16, Wea99, XGW13, ZSRB07, ZBT+99, ZCT+14, Zon13]. Packings [AM07, AGM08, AMB11, BW01, BN00, BN05, BH98, BBC98, CE03, CS+88, CS95, FS11, Gen04, GORT02, Hal97b, Hal97c, Hal06c, HC16, Mud93, MGV05, PKC16, TS06, T09a, T09b, 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, KK09, Lag02, Lee64, Lee67a, Lee67b, Lee69, LS71, Lep97, MPS02, PZ06, SST08, Slo81, Szi93, Tho79, Tho83, TS01, T09c, T09b, T10a, T10b, TS10a, TS10b, TJ12, VG01, Zau16, ZT99]. packs [LRCG16]. Packungen [Lep97]. Pairs [Gil79]. Palásti [AH75, BS70]. papers [BR07]. paquets [Ber93]. paradoxes [Gar01a]. Parallel [BKM91]. parametric [Sch00]. Paris [Hil00, Hil01]. Park [SBG04]. parking [AW10]. part [CAL+13, STDH02]. Particle [XGW13, TS01, TS0a, TS0b]. particles [DT05a, DT05b, DCST07, T12]. Partitioning [CJS92]. pattern [AL01]. patterns [Ano97, Mus97, Mus98]. Penrose [Rad04]. Pentahedral [Fer06]. perfect [AS12, AW00]. perimeter [CGV+03, CF10]. Periodic [Zin94, KEG09, KEG10, T10b]. pg [T10a]. Phase [HAEG11]. phases [HAEK+09]. phenomena [ZD96]. Philosophy [Bra95]. Phys [TS01b]. physical [HL03]. Physics [MT02b, Coh09]. picturebook [Che10]. plane [BS70, KK90, T05, T07]. Planning [Wan99]. Platonic [BK10, JT11, SAF10, T09c, T09b, T10a]. pokrytije [Rog68]. polydisperse [ZBT+99]. polyhedra [GJT12, T09b]. polyhedron [AF06]. topoytopes [BH00]. Pontevedra [BR07]. Pontypridd [EE07]. practice [Har08]. Principia [Bra95]. principle [Hsi01]. Principles [Bra95, T12]. prisms [Fer06]. Probabilistic [CJS92]. Probability [SE92, Gar01a].

Problem [Str28]. Problem [Che08a, Cor02, Gil79, HS14, SvdW53, AS12, BB16, Bra95, CMK+16, Hal92, HL03, Hsi93b, Hsi93c, Mar11, Rén58, Str28, Via16, ZSRB07]. Probleme [Hil00, Hil01]. Problems [CJS92, HIl00, HIl01, HIl02, IN07, BS08, Cas01, Gar01a, HIl00, Szp03a, Wea99]. procedures [TS01]. Proceedings [MS02, STDH02, Bi85, ACM01, AL01, CAL+13, FVT10, FS07, HY14, SBH07, HM05, SBG04]. Processing
programming [DTSC04]. Programs [Hal10, Hal06d, Obu05, ON09]. Projects [CAL'13]. Proof [Hal04, Hal08, BB14, Hal03, Hal05, HHM'10, HAB'15, Har08, Hen98, Hsi93b, Hsi93c, Lag11b, Lag11a, Szp03b, Mor05], proofs [Edw16, Hal12]. Proving [Ano99, Obu05, HM05, SBG04]. Publisher [TS10b]. pursuit [AW00]. puzzles [Gar01a].


Rigidity [HC16, ZRD'14]. Role [AM07, TJ09a]. Russian [Rog68].


Spain [BR07]. Sphere [AGM08, AMB11, BW01, BB16, BBC98, Bez06, Bli99, Che08a, CM00, CE03, Coh17, CS'88, CS'93, CS95, CS99, Cor02, Fer06, Hal97a, Hal97b, Hal97c, HSP00, Hal01b, Hal06b, Hal06c, Hal06d, Han91, Han95, Hen05, HC16,
Kun92, LS71, MT02a, Max91, Mud93, MVG05, Rad04, TS06, TGW89, Töt99, Wan00, ZT99, AS12, Ano97, BB14, BS08, CHH+01, CK91, CKM+16, DFM17, DTSC04, EDM09, Hal92, Hal93, Hal12, Hsi93b, Hsi93c, HS14, IN07, KGT15, Lag02, Lee64, Lee67a, Lee67b, Lee69, LTÚ00, LJ13, LRCG16, Máš93, MPS02, Mus97, Mus98, Oes00, RZ12, RT98, Sah06, SST08, Slo01, Slo81, Slo84, TUS06, vMFC09, Oes00, Hen98, HZ00].

**Sphere-Packing** [Cor02, Hen05, Oes00, Sah06].

**Spheres** [AM07, BN00, BN05, BH98, BKM91, BR03, Gen04, GORT02, PKC16, Ste99, Wan99, Zin94, BCR83, BN02, BDH+05, Gar01b, Hig61, Hsi93a, Hsi94, JT85, PZ06, SHWP09, Sch06, Slo84, TUS06, vMFC09, Oes00, Hen98, HZ00].

**Spherical** [HST10, Kup07, Slo81].

**Spiegelungsuntergruppen** [MPS02].

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**Stability** [BBC98, LJ13].

**stable** [BK10].

**stack** [Szp03b].

**standard** [NIS14].

**State** [MT02b].

**statistical** [Hig61].

**statistics** [Bil85, RT98].

**status** [Hal94, Hsi95].

**Stephen** [Ste99].

**Stiefel** [Hen05].

**Stochastic** [SBH07].

**storage** [Gro62].

**Strange** [ZD96].

**Strena** [Kep11].

**Strings** [BKM91].

**strong** [Bez13].

**strongly** [Zau16].

**Structural** [AGM08].

**structures** [Ano97, Mus97, Mus98].

**Study** [Mar11, Ano97, Hig61, Mus97, Mus98, vMFC09].

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**Subsets** [Hau95, Hau91].

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**surface** [AF06, BDH+05].

**surfaces** [SHWP09].

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**Symposium** [ACM01, Bil85, IEE07, AL01].

**system** [Bal11].

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T. [Hsi95].

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**Tame** [Hal06d, NBS06, NBS07].

**templates** [AGMW13].

**Tessellations** [GORT02, GJT12].

**test** [AW10, AH75, DTSC04].

**Tetraeder** [Gro62].

**Tetrahedra** [AM07, Che08b, CT06, LZ12, CEG10, GEK11, Gro62, HAEK+09, HAEGL, Hoy70, KEG09, KEG10, Sen81, Tal99, TJ10b, Zon96, Zon13].

**tetrahedral** [Che10].

**Tetrahedron** [TJ09a, Bal11].

**theorem** [VG01, HM05, SBG04].

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**Theorie** [Lep97].

**Theory** [HSP00, Har13, EDM09, Gar01a, Har08, Lep97, XGW13].

**Thermodynamics** [Bal11].

**things** [NIS14].

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**translation** [MPS02].

**translation** [vMFC09].

**translative** [Hal94, Hsi95].

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**TRT** [KGT15].

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**typological** [Ano97, Mus97, Mus98].

**UK** [CAL+13, HM05, IEE07].

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**understanding** [Gar12].

**Unequal** [Wan99, Hig61].

**Uniform** [BBC98].

**units** [KEG09, KEG10, Kun92].

**University** [IEE07].

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the greatest minds in history helped solve one of the oldest math problems in the world.

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