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Title word cross-reference

$ [Cou11], (a + b)^p [Jam14c], (a + b)^p + (a - b)^p [Jam14c], 1/x [Geo10].  
$12-95 [Rua12]. $129.00 [Sch14]. $14.95 [LP10]. $14.99 [Lev12c]. 15  
[Gre14b]. $27.95 [Lev14m, Tol17f]. $29 [Gri01b, Hud10c]. $29.95 [Hun13d].  
2 < e < 3 [Lor11m]. 2^67 - 1 [Shi15d]. 3 [CP10, Rot10d]. $32 [Lor11g]. $32.00  
$39.20 [Hun17d]. $39.95 [Lor17d]. 3 \times 3 [Bea17, Lor15f]. 4 [Rot10d]. $42.00  
[Hun14a]. $45.00 [Cou10, Mac16c]. $49-00 [Gib10b]. $49.00  
$59-00 [Hud11a]. $59.95 [Lev13g, Yeo16]. $60 [De 14b]. 60 [Lor12]. $68.95  
[Lev14k]. $69.95 [Lea10]. 6n + 1 [Lor14]. $75.00 [Eat12]. $79-00 [For12].  
$79.95 [Lev12a]. $94.95 [App10a]. $97.50 [App10b]. [x] [Orm14]. 2
3

4 [Cri15a, Sut10]. 4-folds [Cor07]. 44-99 [Hai10]. 4th
[Gri14e, Lor10e, Mac10c].

5 [Mac13b]. 5-99 [Hal10a]. 50 [Lev10a, War10a]. 55th [Ano14a]. 56-00
[Mah10b].

6 [Pea11, Hal13]. 61614-423-4 [Lev14h].

70-99 [Mun12].

8-99 [Bay10a, Wil10].

9 [Gri14b]. 9-789814-651639 [Lor17e]. 90-50 [Gri14e]. 90th
[Sut11, GDDR08]. 977-1-84724-008-8 [Lev10a]. 978-0-00-743808-2
[Hal13]. 978-0-00-747601-5 [Hal14]. 978-0-14-103023-4 [Lor10e].
978-0-19-857061-5 [Rot10d]. 978-0-19-870259-7 [Rua17].
978-0-19-911779-6 [Dav10]. 978-0-19-911780-2 [Rot10b].
978-0-19-921986-5 [And10a, And10b]. 978-0-19-922730-3 [Shi10e, Shi10f].
978-0-19-953987-1 [De 11b]. 978-0-19-953988-8 [De 11b].
978-0-19-956684-6 [And13c]. 978-0-19-957400-1 [Sch13].
978-0-19-968197-6 [Lev14g]. 978-0-19-973259-3 [Fre15].
978-0-19870643-4 [Sto17b]. 978-0-19874-989-9 [Hun17f].
978-0-230-25208-0 [Gri13b, Mac13a]. 978-0-262-51429-3 [Haw12].
978-0-309-28457-8 [Sto14c]. 978-0-387-72475-1 [Lor10c].
978-0-387-74640-1 [Lor11h]. 978-0-387-74646-3 [Bay11a].
978-0-387-79714-9 [Gib10c]. 978-0-387-79851-6 [Hun12b].
978-0-387-85528-8 [Shi10d]. 978-0-387-87858-4 [Hai12].

= [CF15, Den14].

Algorithms [Orm14, Abe16, BC13, Gri14b, Hir11h, Mac12a, Cou15, Cou17a].

Alice [De 10a]. aliens [Adl14, Mac15c]. alignment [Nic12b]. Allen [Rua10].

Almanac [War12b]. almost [Ben12a]. alphabets [Lew14]. also
[Bay17a, Bay17c, Gib17, Hai17, Hun16, Hun17b, Hun17c, Sch16b, Sch16c,
Shi15c, Shi15a, Shi16b, Tol17e]. Alteration [Nur13]. alternating
[Coo11a, GB12, Mur11a, Nur13, Nur14a]. alternation [HK14]. alternative
[Cer16, Dou13, Kan17, Ste17c]. altitude [Jos16a]. AM [BS12a, Shi11a].
Ambitious [Köhr14, Tol15a]. America [Bay10c, Eat11, Lev14k]. American
[Grill11c, Gri11b, Gri12f, Hun14a, Hun17d, Lev11b, Lor11g, Lor11f, Lor14f,
Amy [Bay17b, Eat11]. analyse [Yeo17a]. Analysis [Gar13, App11, App12,
App14a, Bay14b, For12, KS14, Lor14e, Mac09, MD10, ML13, Ric08a, Sta11,
VV09, App10b, Bay15a, Cou17b, Hun17a, Rou16, Shi10c, Shi10d, Tol16c].

Anamorphoscopes [SNH11]. Anany [Gri14c]. ancient
[Dav17, Gib14a, Gra13, Lan12, Lev14b, Mac13e, Rei14, WW13, YM11, Rua13].
Andrews [De 10a]. Arendseu [Lea10]. Andrew
[Mac15b, Rou14, Shi14b, Tol13]. Andrews [Stol12c]. Angelo [GG12c]. angle
[BCL10, CR14, Kos16, Shi11c, WO11]. angle-bisector [CR14]. angled
[Leu12a, Osl11a]. angles [Nic14b, O’L10, Sub15b]. Annette [Dav17].
annotated [Abb08, Lev10d]. annular [Che16a]. Answering [Ano06].
anthology [War12c]. Anthony [Shi15b, Tol15d]. Anthropologic [BC15].
antiquity [Hoa15b, KP14]. Antonio [Rou16]. anxieties [Pas11b]. any
[CO11, Koo11]. anywhere [Jam13b]. Apéry [Mel13]. apologies [Tol16a].
appearance [Hir11d, Lor17a]. Appel [Shi14b]. Applebaum [Bay14b].
application [Gut11, Haj17a, Lor11b, Rua14c]. Applications
[Mol12, AA13, Dav12, Hall1c, Kan09b, Kra15, Mac14c, RJPG12, R+12,
Mac13d, Shi11d, Shi15a, Bev14, Rua14a]. Applied
[Con12, Hun13a, Hun17c, Reb12]. approach
[Dou13, Egg15, Jac11, JO14, Lev12f, Lor14e, Mil12, Rza10, Sta11, TL16, Tra13].
approaches [Gri12e, Lor12a]. Approximate [DL14, Sy17].
approximation [Gib14a, Jam14a, SS12, VSR13]. Approximations
[Mac10d, Ste12b]. AQA [Gri11d, Hall12, Ano10a, Kra09]. Arabic [Lo 13].
Arbelos [For10a, Tol13, Job16, Oku13a, Oku13b, Shi11b]. arc
[Osl16, Shi10b]. Archimedean [Oki13b, OW14, OJN16]. Archimedes
[Kir13, Shi11b]. Arcturus [Levi13b]. area
[CF15, Jos15, Lor12g, Lor13b, Lor17c, Oki13a, Sni17]. areal [Sco13a]. areals
[Sni16]. Areas [Lor12f, Sew14, Lor12b]. argument [Mar11]. arguments
[Shi10a, AM11, Gri12g, Jan14a, OC14, Shi12c]. Arlen [Bay17c]. Arnold
[Raj13]. art [Gri11c, Hau12, Lan12, Mah10a, Mic09, Rua14b, Tub14, Van13,
Lev15a, Mac13e]. Arthur [How15]. article [Bur10a]. arts [BY11]. Artstein
[Levi17b]. Arturo [Shi10h]. Artzt [Sha15]. Arzarello [GG10b]. Ash
[Shi17, Tol15c, Tol17f]. Ashby [Ki10c]. Ashish [Hun15]. asinorum
[Haj15a]. Askar [Hun15]. aspects [Bot10b, Sto12e]. ASS [Haj10].
Assessing [Fre10a]. Assessment [BHJ10, Hal11a]. assistant
[Fre10, Zan10]. associated [EF10, Gri17a, Mah10c, Oai15]. Association
[Ano14m, Bay10c, Bay12, Eat11, Hal10b, Hal17b, Lev14k, Lor11i, Lor14d,
Tol15c, Tol15g, Ano17i, Ano17j, PW13, Tol15g]. Associativity [Mac14e],
asymmetric [Sch16a], asymptotes [Mit12, Sco15b]. Atlantic [Hud11b],
attached [Ada10, War13a]. attractors [GG08c, Lev10e]. Attribution
[Ano14m, Bay10c, Bay12, Eat11, Hal10b, Hal17b, Lev14k, Lor11i, Lor14d,
Tol15e, Tol15g, Ano17i, Ano17j, PW13, Tol15g].

Average [Edg16]. averages [Lor10b, Lor11a, Lor13c]. Avishek
[Shi15a]. Avner [Shi17, Tol15c, Tol17f]. avoid [Bay15c].
[JJ17]. Birgit [Tol14c]. Birkhauser
[De 14c, Jac14, Rou16, De 10b, Gib12b, Rua13, Sch14, Sch16b, Toll4a, De 10a].
birth [Ano17b, Ric08b]. birthday [GDDR08, HB16, Sut11]. bisect [Jos17b].
bisect-diagonal [Jos17b]. Bisecting [Os16]. bisector [CR14]. Blackjack
[Wer09, Hai10]. Block [War10b]. Bloomsbury [Gri17b, Lev13b, Sto14b].
blunder [Smy10]. Blythe [Pat17]. body [Sto17a]. Bogdan [Yeo16].
Bombelli [Tra13]. Book
[And10a, And10b, And11, And13c, And13a, And13b, And13d, App10b,
App10a, App11, App14b, App14a, Ban10a, Ban10c, Ban10b, Ban13, Ban14b,
Ban14a, Bay10c, Bay10b, Bay10a, Bay11b, Bay11a, Bay12, Bay14a, Bay14b,
Bay14c, Bay14d, Bay15b, Bay15a, Bay17b, Bay17a, Bay17c, Bev13, Bev14,
Bev17, Cou10, Cou11, Cou12, Cou13, Cou14, Cou15, Cou17a, Cou17b, Cri13,
Cri15b, Cri15a, Cri17a, Dav10, Dav15, Dav17, De 10b, De 10a, De 11b,
De 14c, De 14b, De 17, Eat11, Eat12, Eat13, For10a, For10b, For11, For12,
For13, Fos14b, Fox15, Fre10a, Fre10b, Fre15, Gib10a, Gib10c, Gib10b, Gib11b,
Gib11c, Gib11a, Gib12b, Gib12a, Gib13b, Gib13a, Gib14b, Gib14c, Gib17,
Gol10, GG10a, GG12c, Gri10b, Gri11d, Gri11e, Gri11b, Gri11c, Gri12f, Gri13a].
Book [Gri13b, Gri13d, Gri13c, Gri13f, Gri14f, Gri14a, Gri14e, Gri14b, Gri14c,
Gri14d, Gri17b, Gri17c, Hai10, Hai12, Hai13, Hai15, Hai17, Hal10c, Hal10a,
Hal10b, Hal11b, Hal11c, Hal11a, Hal12b, Hal13, Hal14, Hal15a, Hal15b,
Hal16, Hal17a, Hal17b, Hal17c, Hal17d, Hal11, Hal12, Hoa10, Hoa11, Hoa12,
Hoa13a, Hoa14b, Hoa14a, Hoa15a, Hoa15b, Hoa17, Hud10c, Hud10b, Hud10a,
Hud11a, Hud11b, Hud13a, Hud13b, Hun10b, Hun10a, Hun12b, Hun12a,
Hun13d, Hun13c, Hun13b, Hun13a, Hun14b, Hun14a, Hun14, Hun16, Hun17a,
Hun17b, Hun17c, Hun17d, Hun17e, Hun17f, Jac14, Kil10, LP10, Lea10, Lee17,
Lev10d, Lev10f, Lev10e, Lev10a, Lev10b, Lev10c, Lev11b, Lev11d, Lev11a,
Lev11e, Lev11c, Lev11f, Lev12a, Lev12d, Lev12b, Lev12c, Lev13e, Lev13c,
Lev13b, Lev13h, Lev13a].
Book [Lev13g, Lev13f, Lev13d, Lev14e, Lev14c, Lev14b, Lev14a, Lev14n,
Lev14j, Lev14c, Lev14b, Lev14a, Lev14n, Lev14b, Lev14a, Lev14d, Lev14f,
Lev14g, Lev15b, Lev15a, Lev17f, Lev17g, Lev17a, Lev17b, Lev17d, Lev17c,
Lev17e, Lor10e, Lor10d, Lor10c, Lor11g, Lor11h, Lor11f, Lor11i, Lor13d,
Lor14a, Lor14d, Lor14g, Lor15i, Lor15h, Lor16c, Lor16b, Lor17f,
Lori17d, Lor17e, Mac10b, Mac10c, Mac10a, Mac12b, Mac13c, Mac13a,
Mac13c, Mac13b, Mac14b, Mac14c, Mac14d, Mac14a, Mac15a,
Mac15b, Mac15c, Mac16a, Mac16b, Mac16c, Mah10b, Meg12, Mun12, Nai12,
Pas14, Pat17, Rot10c, Rot10d, Rot10b, Rot10a, Rou13a, Rou14, Rou16,
Ruo10, Ruo11, Ruo12, Ruo13, Ruo14c, Ruo14a, Rua14b, Rua17, Sch10, Sch13,
Sch14, Sch16b, Sch16c, Shi10e, Shi10f].
Book [Shi10c, Shi10f, Shi10g, Shi10d, Shi10h, Shi11e, Shi11d, Shi12c, Shi13c, Shi14d, Shi14b, Shi14c, Shi14e, Shi15c, Shi15a, Shi15b, Shi16b, Shi17, Sto10b, Sto10a, Sto12c, Sto12b, Sto12a, Sto14a, Sto14b, Sto14c, Sto17b, Sto17a, Sut10, Sut11, Ten12, Tol10, Tol13, Tol14b, Tol14a, Tol14c, Tol15b, Tol15e, Tol15g, Tol15a, Tol15d, Tol15f, Tol16a, Tol16d, Tol16c, Tol16b, Tol16e, Tol17a, Tol17b, Tol17d, Tol17c,
[App10a, Bay14a, Bev14, Gib14b, Gib14c, Mac13e, Mac13b, Mac13d, Mun12, Rua14a, Shi13c, Shi14e, War13b, War13c]. creation [Gri13a, Lev11].

creative [Bay12, DSZ08, Hol11, Hol13b, Lev10e, Lor14d]. creators [Soi09a, Lor11h]. Crilly [Lev10a, Lev11f, War10a].
crisis [Wel08, Ban10c]. Cristina [Cou12]. critical [Hoa15a, Ken14]. Cross [Dob11, Rot10a].

crossing [Lev08, Gsu12, Lev13g, Sto10a]. crossnumber [Cut14].

crossroads [De14c, Tob12]. Cryptic [Cut14].
crystal [Wap12]. CSE [Sto12b]. cube [DL12, GG08b, Kuc15, Sut11]. cubes [Loo11, Sub14b]. cubic [Kul13a, TL16, Tra13, Vil14a].
cubics [Lor14g, Fos12a, Joh11, Kul16]. cuboidal [ML13].
cucker [Cou15, Cou17a]. Cult [Lev14n, Mar12]. culture [BEU12, Tol14c].
cultures [Sen12]. CUP [Lev10b]. curiosities [Ste08, Ste09a, Ste09b, Wap12, Tol10]. curious [Gri17b, Qua12b, War12b].

curricular [Hun17f]. curriculum [And12]. curvature [Gib13a, Tau11]. curves [AG14, BL10, Ber17, Gla12, Hum13c, KL11].
cut [Fos12c]. cutting [Lor10a].

cycle [Haj11]. cycles [Dol17a]. Cyclic [JST12, De11a, Hun15].
cylinders [Bea13].

D [Bay15a, Cou12, GG10a, Lev17d, Mac10c, Mun12, Shi10d, Sut11, Tol17d, Tol17e, Zet13]. D1 [Rot10b, Jef08a].


david [Ban10c, Bay14b, De14b, For12, Fre10b, Hal10b, Hal16, Lev10c, Lev11b, Lor10c, Lor16b, Mac15a,

Rot10c, Shi10c, Sto17b, Tol15b, Tol15g, Yeo17c, Zar11].
davis [Lev10e, Mac13d]. dawn [Ale10, Gil11b]. day [Vil11]. dead [Lew13].

debate [Mer15]. decade [Dol15b]. Déchiffreurs [DLP08]. decimal [Gri15b].
decision [Jef08a, Rot10b]. deck [NG15]. decline [Kill10, Orm08].

decoding [Ved10, War11a]. decompositions [DeM10]. define [Ste11a, Ste12c, Zet13].
defining [GS16]. definition [FL14]. deformation [Har10b, Meg12].
degree [Alc12, Alc13, Fos14b, Sto14a]. degrees [Shi11c].
deleting [BKS17]. delgado [Ron16]. delhi [Cou14].
delightly [SV15].
derangement [So13, Lew13]. derek [Bay12, Lor14d].
derivation [Lev13, Lor14c]. derivations [Osi15, Ste17e].
derivatives [Cel17, Luc10, Luc13, San11]. derived [JJ13b]. derych [Sto12b]. descent [Lor13].
descenete [Dol11a]. descriptive [Gao08, Gao09, War10c]. design [Lan12, Mac13e]. desolneux [For12].
determinants [ES10]. determining [BB12].
determinism [Raj13].
develop [Hal17a]. developments [And12]. devil [OD13]. devlin [Lev10f].
diane [Shi14e]. dianne [Mah10b]. diarmuid [Lev11e].
diary [Lev14k]. dice [May16, Jár16, Rob13].
dice-and-numbers [Jár16]. Dick [Gib17].
dictionary [Lo 13, Lor10e, Nel08]. Did [OD13].
died [Fre15, Sen12]. difference
evaluation [Lor16a, Shi16a, JL13]. Evans [Hun17a]. Évariste
[Neu11, Hoa13a]. Even [AW07, Jam10b, Sto10b]. ever [Haj15a]. Everyday
[Fer14, Ban14a, Cra10, Her11, War12a, War12b, Bay15b]. everyone [CT14].
everything [Pas11b], everywhere [App12, Bay14b]. exam
[Ada09b, Lor11g]. examples [Gla12]. exc [Cou17b]. excentre
[Haj12, Haj17d]. excursions [And13d, Hah12]. exercises [Bat14]. Exeter
[Sco12]. existence [Ste11b, ZF10, Gri14f]. Exotic [Orm08, Kil10].
exception [Gri16b]. expectations [Wap12, Gib14c]. expeditions
[And13a, Swe12]. Experimental [Vil07, Shi10e, Shi10f]. explained
[Cra09, Hall10b]. Explicit [Sur14]. exploration [Lev17g]. explorations
[Haw11]. explorer [KL14]. exploring [And13a, Mac14a, Pas13, Swe12].
explosion [Gib17]. exponential [Jam15e]. expressed [Sub15b].
Expressing [Jam17]. expressions [Gri11a, Tra10]. extradii
[Lor15d, Lk17]. Extended [GG10b, LP16]. extension [FM10, Kum11].
extraordinary [Hol12a]. Extremal [Nic16, Sil17, Haj17d, Haj12].
extrapolation [Haj11, Haj12]. extraplated [CG15, X11].
extraordinarily [Hol12a]. Extraordinary [Hol12a]. Extreme
[Yu10, Shi13]. Extensions [den14, Shi13]. extending
[Lev17g]. extension [FM10, Kum11]. extraordinary [Hol12a]. Extremal
[Nic16, Sil17, Haj17d, Haj12].
F [App10b, Ban10a, Gib10a, GG10b, War11b]. Faced [Roc14, Hai15]. facing
[Pas11b]. factor [Lor15c]. factorial [VSR13]. factorials
[Gril5c, Mac15d, RG14]. factorisation [Bau14, BB12, Shi15d, Shi15e].
factorise [Lor14g]. facts [Gri17c]. fallacy [Lor14j]. families [Gri17c].
Family [Pas11a, GB12, Kos14, Lor13a, Oai15]. Famous [Pet09, Gril2f].
fantastical [Rua10, Wil08]. fantasy [Adl14]. Farey [Rua14c, Gut11]. Farin
[Mah10b]. Farny [Sil12]. fascinating [Gril1e, dK09]. Fast [Coo11a, Hol12b].
Fauvel [Lev14g]. fears [Spr09, Ban10b]. featuring [Shi12a]. Feb [How16].
Feedback [AM08, Ano10b, Ano10c, Ano10d, Ano11b, Ano11c, Ano11d, Ano12b, Ano12c, Ano13a, Ano13b, Ano13c, Ano14d, Ano14e, Ano15c, Ano15a, Ano15b, Ano17c, Ano17d, Mac10b]. Feet [Lev12e, Ban14b]. Felder [Sch10]. Felipe [Cou15, Cou17a]. Fellmann [De 10b]. Fermat
[Bar17, Bau14, Bur10b, Dev08, Dol11a, Dol12a, Dol12b, Dol12d, Shi15e]. Fernandez [Bay15b]. Fernando [Shi10e, Shi10f]. Ferreiros [De 17]. Ferry
[Col13b]. fiber [BY11]. Fibonacci
[Di 13, Gau11, Gri13e, Kos14, MMYA10, Mil11, RG14, Ron11, SE13].
Fibonacci-like [MMYA10]. Fibonacci’s [Gril5g]. Fibonacci’s-rabbits
[Gril5g]. Fibonometry [CR13]. fiction [Adl14]. Fielder [Zar10b]. Fields
figure [Mac11a]. figures [FFW13, Lev14g]. Figuring [Cra10, War12a]. fill
[Job11b]. find [Ban14, Pas11b, Rou13b]. Finding
[BCL10, Jam11a, Jam11b, Shi11f, Tre17, JO14, Ste17d]. Fine [Shi15b].
Fingers [Bau14]. finite [Cou12, HTSE09, Shi11e, Wil09, Hud10a]. Fiona
fits [Wil08]. five [Hoa11, HP10b, Lev11e, Osl15]. fixed [Gri15b].
fixed-column [Gri15b]. Flatland

G [And10a, And10b, App14a, Bay14a, Gri11b, Gri14d, Hud13b, Mac14c].
Gabriel [Hum17f, Lea10]. Gage [Tol17g]. Gaglione [Shi15b]. gallery [Gri11c, Mic09]. Galois [Shi10i, FGR14, Neu11, Ser08, Hon13a]. game [Bra08, Cri17b, Dev08, Gri11g, Jär16, Min12, Rob13, Von17, Hud10c, Lev10f].
Games [Pas16, Wel12, GG08a, Hal17d, Bay10a, Mac15a]. gamma [Jan14b, Jam15d, Jam16a]. Gao [War10c]. gaps [Shi13d]. Gardner [Bay10a, Sut11, GG08a, GDDR08, GG08b]. Gareth [Tol17c]. Garland
Hun14b, Pat17, Shi11e, Growney, GST, Gua, guard, Guerraggio, guessing, Haw12, Mah10a, Guest, Guide, GST, [Lev10e], Gua, [Kha13], [Cou17b], [Kha13], [Haw12], [Mah10a], [Gri11c, Mic09], [GG12c], [Lev10e], [Haw12, Mah10a], [Ano10a, Fie07, Iva09, Job13c, Lor11f, Ron14, Sto12b, Zal10b, Hal10a, Hal12b, Sto12b], guitar, [RR11], Gupta, [Cou17b], Gustafson, [Lev13g], Guthery, [Rua14c].

H [And10a, And10b, Bay15a, Fre10a, Gri14d, Rua12, Zal11], Haese [Hal15a, Hal15b, Pat17], Hahn [And13d], Haigh [Bay14c], Halbeisen [Shi14c], half [Job11b, WO11, O’L10], half-angle [WO11], halfway [AZY12, Per12], Hall [Bay11b, Cou13, Hun17b, Sch10, War10c, FFGH09, Ros09], Hall/CRC [Cou13], Hamilton [McG13], Hampton [De 14b], hand [Sur10], handbook [ABD11, Job13c, Ron14, Sch13], hands [Rei14], hands-on [Rei14], Handshaking [Cri10], Hanoi [Bay10a, FF16, GG08a], Hansford [Mah10b], happening [CMZ93, Lor14f, Mac11d], hard [Bay15b, Bay17b, Bay17a, Bay17c, Bev17, Cou15, Cou17a, Cri17a, Dav17, De 17, Fre15, Gri17b, Hai17, Hal17a, Hoa15a, Hoa15b, Hoa17, Hun16, Hun17b, Hun17e, Hun17f, Lor15h, Lor16c, Lor16b, Mac15b, Mac15c, Mac16b, Rua17, Sch16c, Shi15b, Shi17, Sto17a, Tol14c, Tol15a, Tol16a, Tol17b, Tol17d, Tol17c, Tol17e, Tol17f, Yeo16], Hardback [And13b, And13d, Ban10a, Bev14, Cou13, De 10b, De 11b, De 14c, For11, GG12c, Gri10b, Gri13d, Gri13c, Gri13f, Gri14f, Hoa11, Hoa12, Hud13b, Hun12b, Hun12a, Hun13d, Hun13c, Lev12a, Mac11b, Rua13, Rua14a, Shi11e, Shi11d, Shi14c, Cou10, De 10a, Gib10c, Gib14c, Hud11a, Lev14k, Rua11, Shi10c, Sut10], hardcover [Lev14b], Hardy [And10a, And10b, Kan17, vdV12], Hari [Bay17c], Harmonic [VV09, Jam15b, Jam17, Kha10, Nur14a, Sco11a, App11], harmonies [KK11, Lev13b], Harris [ Tol16a], Hartshorne [Meg12], Harvard [Ban13, Gib11b, Tol17h], hating [HJS11, Hun13d], Havil [Cri15b, Gri13f], having [Lor14h], Hawkes [dv14], hbk [And11, And13c, App10b, App10a, App11, App14a, Bay14a, Bev13, Eei11, Eat12, Eat13, For12, For13, Gib10b, Gri14e, Gri14b, Hai10, Hai12, Hai13, Hai15, Hoa13a, Hud10b, Hud13a, Hun13a, Hun14b, Hun15, Jac14, Lev11a, Lev12c, Lev13e, Lev14e, Lev14i, Lev14n, Lev14a, Mac13c, Mac14b, Mac14c, Meg12, Shi10g, Shi12c, Shi13c, Shi14b, Shi15c, Shi15a, Sto12c, Sut11, Tol14b, Tol15b], heart [CC10, Fre13], heaven [Gus12, Lev13g], Heavenly [Van13, Rua14b], heavens [Rua11, Van09], Heidi [Eat12], height [Lor12h], Heinz [Sch14], Heisenberg [App11, VV09], Helge [Hoa11, Hun16], help [Fre10b], hemispheroid [De14], Henry [Gib13a], Hensel [Hun14a], Hepp [Sch10], heptadecagon [Shi16c], Herbert [Tol16e], Hermite [Zho11], Heroes [Ale10, Gib11b], Heron [BS15, Jos16b, Lin11, Lor13a], Heron-like [Jos16b], Heron-type [Lor13a], Heronian [Dol16b, Rea16], Herrmann [Ban14a, Shi14e], Hersh [Hun13d], Hess [Gib17], Hexaflexagon [GG08a, Bay10a], Heyne [De 10a], Hidden [KK11, Bay15b, Bro12a, Fre13, Fre13, Lor15g, Maz14, YN10, YN12, Lev13b].


[Lev13f, Lev13d, Lev14i, Lev14n, Lev14o, Lev14k, Lev14l, Lev14j, Lev14c, Lev14h, Lev14p, Lev14b, Lev14m, Lev14a, Lev14d, Lev14f, Lev14g, Lev15b, Lev15a, Lev17f, Lev17g, Lev17a, Lev17b, Lev17d, Lev17c, Lev17e, Lor10e, Lor10d, Lor10c, Lor11g, Lor11h, Lor11i, Lor13d, Lor14f, Lor14e, Lor14d, Lor15g, Lor15i, Lor15h, Lor16c, Lor16b, Lor17f, Lor17d, Lor17e, Mac10b, Mac10c, Mac11b, Mac12b, Mac13e, Mac13a, Mac13c, Mac13b, Mac13d, Mac14b, Mac14c, Mac14d, Mac14a, Mac15a, Mac15b, Mac15c, Mac16a, Mac16b, Mac16c, Mah10b, Meg12, Mun12, Nai12, Pas14, Pat17, Rot10c, Rot10d, Rot10b, Rot10a, Rou13a, Rou14, Rou16, Rua10, Rua11, Rua12, Rua13, Rua14c, Rua14a, Rua14b, Rua17, Sch10, Sch13, Sch14, Sch16b, Sch16c, Shi10e, Shi10f, Shi10c, Shi10i]. ISBN

[Shi10g, Shi10d, Shi10h, Shi11e, Shi11d, Shi12c, Shi13c, Shi14d, Shi14b, Shi14c, Shi14e, Shi15c, Shi15a, Shi15b, Shi16b, Shi17, Sto10b, Sto10a, Sto12c, Sto12b, Sto12a, Sto14a, Sto14b, Sto14c, Sto17b, Sto17a, Sut10, Sut11, Ten12, Tol10, Tol13, Tol14h, Tol14a, Tol14c, Tol15b, Tol15e, Tol15c, Tol15a, Tol15d, Tol15f, Tol16a, Tol16d, Tol16c, Tol16b, Tol16e, Tol17a, Tol17b, Tol17d, Tol17c, Tol17e, Tol17f, Tol17h, Tol17g, Von17, War10a, War10c, War10b, War11a, War11b, War12a, War13a, War13b, War13c, Wil10, Yeo16, Yeo17a, Yeo17b, Yeo17c, Zar10b, Zar10a, Zar11, Zet13]. isles [Qua13]. isoperimetric [Fin14b]. ISSN [App14b]. issn [App14b]. issue [Ano10g, Ano10h, Ano10i, Ano10k, Ano10j, Ano10m, Ano10l, Ano11f, Ano11b, Ano11g, Ano11j, Ano11i, Ano11l, Ano11k, Ano12f, Ano12g, Ano12h, Ano12i, Ano12l, Ano12k, Ano13e, Ano13g, Ano13f, Ano13i, Ano13h, Ano13k, Ano13j, Ano14h, Ano14g, Ano14j, Ano14i, Ano14k, Ano15f, Ano15e, Ano15c, Ano15b, Ano15a, Ano15j, Ano15i, Ano16d, Ano16c, Ano17f, Ano17e, Ano17h, Ano17g]. Istituto [GG10b]. Italiana [GG10b]. Iterated [Ste12b]. Iterating [Rou13b]. Ivanov [Lor11f]. Iverson [Mac13b].


Cou10, Cou12, Cri11, Den14, Dol15b, FRW11, Fox15, Gib13a, HHHS14, Hal15a, Hal15b, Hun13b, Jac12, Lev17d, Mac12b, Mac12c, MNS10, Orm13, Pat17, Plo09, Soi09b, Spr09, Ste11b, Sto10a, Tub14, WILY11, Wri09, Zar10a, dS13, Ada10, AW07, Alc13, And12, AR14, Ban10a, Ban10c, BY08, BY11, BRR08, Cra07, Cri17a, DSZ08, Dav10, De 11b, Dev08, Duf11, Eat11, For10b, Fos14b, FR02, FR08, Fyf11, Gib11b, GG08c, Gol10, GG10a, GG10b, GD14, Gut11, Hal10c, Hal11b, Hal12b, Hal17b, Hal17c, Haw12, Her11, HJS11, Hin08, Hoa12, Hol11, Hol13b, Hou09, Hud13b, Hun13d, Imr10, Iv09, JM09a, JM09b, Kra12, LPE+12, Lev10e, Lev11d, Lev12d, Lev14l, Lev14m, Lev15b, Lev17f, Lip13.

**mathematics**

[Lor11h, Lor11f, Lor11i, Lor17d, LHS14, Mah10a, M’+08, Mun12, Ne08, Nic08a, Orm08, Pas11b, Pit11, Pit12, PM13, Pit14, PL13, Ram09, Reb12, Rei14, Ron07, Rot10b, Rua11, Rua14c, Rua14b, She10b, SD10, She10a, Soi09a, Ste12a, Ste13a, Sti10, Sto10b, Sto12b, Sto12a, Sto14a, Sto14b, Szp10a, Szp10b, Tob12, Tol16d, Van09, Van13, War13a, War10d, War12b, War12c, Wel08, Wel12, YM11, ZH09, vDD13, Pat17, Lev10e, Hal15a, Hal15b, Ban14a, Bay12, Bay14a, De 14c, Gib11c, Gri11b, Gri14d, Hal17d, Hud10a, Hud13a, Hun13a, Hun17e, Hun17f, Kill0, Lev11d, Lev11f, Lev12a, Lev14e, Lev14o, Lor10e, Lor14d, Lor16b, Lor17e, Mac15a, Rua13, Sto17b, Tol13, Tol16b, Tol17a, Tol17c, Wil10, dV14, Ban10b, Bay11a, Con11, Dav17, Gri14f, Hoa14a, Lev11b, Lev13c].

**Mathematics** [Lev15a, Lev17b, Pat17, Sto12c, Sto17a, Tol16a, War13a].

**mathématiques** [Bat14, Lor15i, Yeo17a].

**Maths** [Lev17d].

**Mathews** [Lev17d].

**MATLAB** [Duf11, Mun12].

**Matrices** [VvBM08, Bea17, Bev14, EH11, Har10a, Hun10a, Mol12, Rua14a].

**Matrix** [VvBM08, ABD11, Bev14, BB12, FS10, Lor15f, Mol12, Rua14a, Sch13, Yan15, Hun10a, Hun17d].


**matters** [Sim12].

**Matthew** [Hal17a].

**Matthews** [Tol17b].

**Maximal** [MM15].

**maximisation** [Hir11b].

**Maximisation/minimisation** [Hir11b].

**MaxProduct** [Der12].

**Maxwell** [FMW14, Mac15b].

**may** [Bur10b].

**maze** [Haw11, Ste10].

**Mazur** [Lor15g].

**McAllister** [Lev12a].

**McCabe** [Zar11].

**McCartney** [Mac15b].

**McGovern** [Cri15a].

**McGregor** [Gib11c].

**McKay** [Tol16c].

**MD** [De 14b].

**mean** [App11, Jam14a, Lor10b, Lor14h, Mer13, Mer17, Pla16, Shi16d, VV09, OC14].

**mean-square** [Shi16d].

**meaning** [Sut10, Tub14].

**means** [Lor11b].

**Measure** [Kön12, Bay17c, Sch14].

**Measurement** [Loc12, Ban13].

**Measuring** [Col11a].

**mechanic** [Lev09, And11].

**mechanical** [Tol15].

**Mechanics** [Hol17, Jef08b, Cou12, HTSE09, KL11, Luc10, Luc13, Raj13, App10a, Mac14b, Gol10].

**mediant** [Gut11, Rua14c].

**medieval** [Cri17a].
Orbits [Jam14g]. order [Abe16, Hir11h, McN14, Suc11, Sut10]. ordered [Gri12c]. Ordering [Aud14]. orderings [Egg15]. orderly [Abe16, Hir11h, McN14, Suc11, Sut10]. Orieami [Mc13b]. Origami [GG08b, Lan12, Muk10, Sut10, WILY11, Ger08, Muk07, For10a, LP10, Mac13e, Nai12]. original [Kul13c]. originaux [Bat14]. Ordering [Aud14]. orderings [Egg15]. orderly [Pop12]. Orieami [Mac13b]. Origami [GG08b, Lan12, Muk10, Sut11, WILY11, Ger08, Muk07, For10a, LP10, Mac13e, Nai12]. order [Kil10, Bur10a]. Ortega [Rou16]. orthic [Nic17]. orthocentroidal [Sco14e]. Orthogonal [Fos12b]. Orzel [Lev14c]. Osborne [Lor15a]. Oscar [Bay15b]. O'Shea [Bay10c, Lor17f]. Other [Lev12e, Ada09b, Ban14b, Gib17, Gri11c, Haw11, Hun12a, Lor11g, Mic09, Pla11a]. our [Ste11a, Ste12c, Zet13]. ourscribed [Ano14r, DZH14, Tod15]. overcome [Pas11b]. Owen [Bay10c, Lor11i, Lor17f]. own [Pur11]. Oxford [And10a, And10b, And13c, And13b, App14a, Bay11b, Bay14b, Bay14c, Bev13, Cou10, Cou12, Cri13, Dav10, De 11b, Fos14b, Fre15, Gib13a, Gol10, Gri11d, Gri14c, Hall10c, Haw11, Hun15, Hun17f, Lev12a, Lev13e, Lev14i, Lev14o, Lev14b, Lev14g, Mac10c, Mac14b, Mac15b, Mac16a, Rot10d, Rot10b, Ru17, Sch13, Shi10e, Shi10f, Shi10g, Sto14a, Sto17b, Tol14b, War10b, War11a, Wil10, ABD11, FFW13, Lev14g].

[Bev13, RT11]. Penelope [Hal11a]. Penguin [Lor10e, Nel08, Lor10e].
pension [SA16]. pentagon [Lor16d]. people [AA08, Hud11a]. Perfect
[Ges11, Lew10, Gri13c]. Perfectly [Lev12c]. perimeter
Perkins [Hun12a]. permutations [Haj11, Wei12]. person [SS12].
perspective [BHJ10, CD11, Cut14, Hal11a, Shi13c]. perspectives
[AR14, FWM14, Stoi14b]. Peter [Ban10b, Cou15, Cou17a, Cri13, Dav10,
Hoa13a, Hun14b, Lor16b, Pat17, Stoi12b, Stoi12a]. Peters [Ban10a, Eat12,
For10b, For12, For13, Gib10a, Gib10b, Hoal12, Hun10c, Hud11a,
Hun13c, LP10, Lev10e, Mac13c, Mah10b, Nai12, Shi10i, Shi14e, Sut10, Sut11].
Petkovic [Gri12f]. Phi [Lev14h]. Philippe [Sch13]. philosopher
[vDD13, Pas14]. philosophy [LHS14, Rua12, Tha05]. Physical
[Lev12e, Ban14b, JS08, Lev09, Mac10c, Tre17]. physics
[Adl14, FFHG09, Min12, Schul12, Hun12a, Mac16c]. PI [Shi14d, OW14].
Piecing [Mah15b]. Piene [Hoa11, Hun16]. Pierre [Shi10].
Pietro [Shi13c]. pillars [Tol17a]. Pini [De 10a]. pipeline [Ano14f, Ano15d]. PISA [And12].
Plain [Lev17c]. planar [Ban16]. plane [GG13, Lev17c, Lor16d]. planet [Jew10].
planetary [And13b, Ben12b]. planets [And13b, Ben12b]. planning
[Pass11a]. Plato [Hud13b, Szp10b]. play [Cri17b, Gri17b, Mat16]. plc
[War10a]. Plofker [Cou11]. plus
[Hal10a, Shi17, Stoi12b, Tol13, Tol17f, dV14]. Poddar [Mac14c]. poems
[GG08c, Lev10e]. point [Ban10c, Dow15, Sco12, Sud11, We08]. points
[Bra11b, Cae15, Dol12c, GD14, Mcn16]. polar [Lor12b]. polarisation
polygons [Bar13, De 11a, Kin10, She16, Ste17c, Zor10]. polyhedra [Tay07].
Polyhedral [She13, FJ10]. polyhedron [CO11, Ric08b]. polynomial
[Cae15, Gri11a]. Polynomials
[FGR14, Fin14a, Gau11, Gri16a, Har12, McA10, Nic11, Sur13, Vill14b]. pons
popular [Bev13, RT11, War12c]. Popularising [Haj10]. population
[BS12b, Gib17]. Posamentier
[Hal17d, Lev14e, Lev14h, Lev14p, Lev17g, Lor17c]. present [Bat14, Lor15].
positive [Nur14b, Vill14b, Yan15]. postage [dV14]. pouring [SV15]. power
[BD15, FM10, Gau11, Grl12a, Grl13d, LG10, Lor10g, Baj13]. powers
[Bur10b, Cer16, Der15, Lor14b, Lor15g, Maz14, Sub15b, Tre17, Tsa11, Bli11,
EH11, JLU10]. Pp
[And10a, And10b, And11, And13c, And13d, App10a, App11, App14b,
Ban10a, Ban10c, Ban13, Ban14b, Ban14a, Bay10c, Bay10b, Bay10a, Bay11b,
Bay11a, Bay12, Bay14a, Bay14c, Bay14d, Bev14, Comb10, Cou11, Cou12,
Cou13, Cou14, Crl13, Dav10, De 10b, De 11b, De 14c, De 14h, Eti11, Eti12,
Eat13, For10a, For10b, For12, For13, Fre10a, Fre10b, Gbl11b, Gbl1c, Gbl12b,
Gbl12a, Gbl13b, Gbl14b, Gbl14c, Gol10, GG10a, GG10b, Grl10b,
Gri11d, Gri11c, Gri11b, Gri11a, Gri12b, Gri13b, Gri13a, Gri13c, Gri13f, Gri14a, Gri14e, Gri14b, Gri14c, Hai10, Hai12, Hai13, Hal10c, Hal10a, Hal11b, Hal11c, Hal11a, Hal12b, Hal13, Hal14, Haw12, Hoa11, Hoa12, Hoa13a, Hoa14a, Hud10b, Hud10a, Hud11a, Hud13a, Hud13b, Hun10b]. Pp [Hun10a, Hun12b, Hun12a, Hun13d, Hun13c, Hun13b, Hun13a, Hun14b, Hun14a, Jac14, LP10, Lea10, Lev10d, Lev10e, Lev10a, Lev10b, Lev10c, Lev11b, Lev11d, Lev11a, Lev11e, Lev11c, Lev11f, Lev12a, Lev12d, Lev12b, Lev12c, Lev13e, Lev13c, Lev13b, Lev13a, Lev13g, Lev13f, Lev13d, Lev14e, Lev14i, Lev14n, Lev14a, Lev14k, Lev14l, Lev14j, Lev14c, Lev14h, Lev14p, Lev14b, Lev14f, Lor10e, Lor10d, Lor10f, Lor10g, Lor11l, Lor11i, Lor13d, Lor14f, Lor14e, Mac10b, Mac10c, Mac10a, Mac13c, Mac13b, Mac13d, Mac14b, Mac14c, Mac14d, Mac14a, Mdh10b, Meg12, Mdh12, Nai12, Rot10c, Rot10d, Rot10b, Rot10a, Rot13a, Ron14, Rua11, Rua12, Rua13, Rua14c, Rua14a, Sch10, Sch13, Shi10e, Shi10c, Shi10i, Shi10b, Shi10d, Shi10h, Shi11e]. Pp [Shi11d, Shi12e, Shi13c, Shi14d, Shi14b, Shi14c, Sto10b, Sto10a, Sto12c, Sto12b, Sto12a, Sto11, Ten12, Tol10, Tol13, Tol14b, Tol14a, War10c, War10b, War11a, War12a, War13a, War13b, War13c, Wil10, Zar10b, Zar10a, Zet13, And13a, App10b, App14a, Ban10b, Bay14b, Bay15b, Bay15a, Bay17b, Bay17a, Bay17c, Bev13, Bev17, Cou15, Cou17a, Cou17b, Cri15b, Cri15a, Cri17a, Dav15, Dav17, De 10a, De 17, For11, For15, Fre15, Gib10c, Gib10b, Gib17, GG12c, Gri14d, Gri17b, Gri17c, Hai15, Hai17, Hall10b, Hall15a, Hall15b, Hall16, Hall17a, Hall17c, Hall17d, Haw11, Hoa10, Hoa14b, Hoa15a, Hoa15b, Hoa17, Hud10c, Hud11b, Hun15, Hun16, Hun17a, Hun17b, Hun17c, Hun17d, Hun17e, Hun17f, Kil10, Lee17, Lev10f, Lev14m, Lev14a, Lev14d, Lev14g, Lev15b, Lev15a, Lev17f, Lev17g]. pp [Lev17a, Lev17b, Lev17d, Lev17c, Lev17e, Lor10c, Lor11f, Lor14d, Lor15g, Lor15i, Lor15h, Lor15a, Lor16c, Lor16b, Lor17d, Lor17e, Mac11b, Mac15a, Mac15b, Mac15c, Mac16a, Mac16b, Mac16c, Pas14, Pat17, Rul16, Rua10, Rua14b, Rua17, Sch14, Sch16b, Sch16c, Shi14e, Shi15c, Shi15a, Shi15b, Shi16b, Shi17, Sto14a, Sto14b, Sto14c, Sto17b, Sto17a, Tol14c, Tol15b, Tol15e, Tol15c, Tol15a, Tol15d, Tol15f, Tol16a, Tol16d, Tol16c, Tol16b, Tol16e, Tol17a, Tol17b, Tol17d, Tol17c, Tol17e, Tol17f, Tol17h, Tol17g, Von17, War10a, War11b, Yeo16, Yeo17a, Yeo17b, Yeo17c, Zar11, dV14]. Practical [FH05, HF04, Mah10b]. practice [Bor10b, MMC09, Zar11, Sto12c]. practices [De 17]. Prakash [Hall17]. precise [Ada10, War13a, War13a]. preference [Egg15]. Preiss [Hall11c]. present [Szp10b, Hud13b]. preserve [Gri11a]. presidential [Bra08, Hud10c]. Press [And10a, And10b, And11, And13c, And13a, And13b, And13d, App10a, App14a, Ban10c, Ban13, Ban14b, Bay10a, Bay11b, Bay14a, Bay14b, Bay14c, Bay15b, Bay15a, Bay17b, Bev13, Bev14, Bev17, Cou10, Cou11, Cou12, Cou17b, Cri13, Cri15b, Cri15a, Cri17a, Dav10, Dav15, Dav17, De 11b, De 14b, De 17, For11, For15, Fre10a, Fre15, Gib11b, Gib13a, Gib14b, Gib14c, Gib17, Gol10, Gri12d, Gri11c, Gri13f, Gri14b, Gri14c, Hai13, Hal10c, Hal16, Haw11, Haw12, Hao10, Hao14a, Hao14b, Hao15a, Hao15b, Hao17, Hud10b, Hud13a, Hud13b, Hun10b,

Press [Lor15g, Lor17d, Mac10c, Mac11b, Mac13e, Mac13b, Mac14b, Mac15a, Mac15b, Mac15c, Mac16a, Mac16b, Mac16c, Mun12, Rot10c, Rot10d, Rot10b, Rou13a, Rua12, Rua14c, Rua14a, Rua14b, Rua17, Sch13, Shi10e, Shi10f, Shi10g, Shi10h, Shi13c, Shi14b, Shi14e, Shi15b, Shi17, Sto14a, Sto14e, Sto17b, Sto17a, Sut11, Tol14b, Tol15b, Tol15c, Tol15a, Tol15d, Tol16a, Tol16d, Tol16c, Tol16b, Tol16c, Tol17d, Tol17c, Tol17f, Tol17h, Tol17g, Von17, War10b, War11a, War11b, War13b, War13c, Wil10, Yeo16, Mac13d, Dol15b].

Price [Cou14].

primality [Cha11].

Prime [Lor14l, BB12, Col11b, Gri12g, Hun13b, Sae17, SS11].

primes [Cha11, Gri12g, Har14, Mac13f, MM13b, Os15, Sco11c, SLMRR10, Lor17f].

Primicerio [Gri14d].

Princeton [And11, And13d, Ban14b, Bay15b, Cou11, Gri15, Cri17a, Dav17, De 17, For11, Gri14f, Gri14b, Hoa10, Hoa14b, Hoa15b, Hoa17, Hud10b, Hud13a, Hud13b, Hun12a, Hun13d, Hun17e, Lev11d, Lev12d, Lev13a, Lev14l, Lev14m, Lev14a, Lev15b, Lev17f, Lor15g, Lor17d, Mac10b, Mac11b, Mac15c, Mac16b, Rot10c, Rua11, Rua14b, Shi10h, Shi14b, Shi17, Tol15b, Tol15c, Tol16a, Tol17d, Tol17f, Von17, AF12, principal [Wil17].

Principalia [Mac14a, Pas13].

principles [Hal11c].

print [Gib11c].

Prism [Bro12b].

Prize [Hoa11, Hun16, HP10b].

probabilistic [Kha12].

Probability [Cin11, NS87, Roc14, Bay10a, Ben11, Che16a, Che16b, Dav12, GG08a, Hai15, Hor14, Kra15, Mac13d, Tol15e, You11c, ML13, Pat17, Tol17g, Bay14c, Hai12].

probable [Bau14].

Problem [Ach11, Aoi14q, Bay11b, EO12, Hol11, Kee13, L.10a, L.10b, L.11, L.15c, L.15a, L.15b, L.16, L.17a, L.17b, Lor10b, Lor11k, Lor11l, Lor12d, Lor12e, Lor12f, Lor13c, Lor13f, Lor13g, Lor14o, Lor14m, Lor14n, Ara15, Bar11, Bar13, Bay11a, CF15, De 12, Don13, GV15, Hal17d, H16, Hau12, Hri11g, Hol13b, Job13c, Kos12b, Lor11d, Lor11c, Lor14c, Lor14d, Lor15m, Lor15n, Mah10a, Pat13b, Res09, Rou14, Rou13c, SV15, Sim13, Soi09b, dV14, Ret17, Bay12, Lev17d, Lor17e, Yeo17c].

problem-solving [Hal17d, dV14, Lor17e, Yeo17c].

problème [Bat14, Lor15i].

Problems [AD08, Cro10, Dol10a, Dol10b, Dol11c, Dol11d, Dol11e, Dol12e, Dol12f, Dol12g, Dol13b, Dol13c, Dol13d, Dol14d, Dol14b, Dol14c, Dol15e, Dol15c, Dol15d, Dol16c, Dol17b, Dol17c, Vol11, And13a, Cve12, FR02, Haj15b, Jac14, Lev09, Lor13b, May16, Shi14d, Ste13a, Ste13b, Sve12, Lev11d, Bay14d, Sch16c, Lea10, Lor16c].

processes [KS14, Sch16c, App14a].

Proctor [Hal10a].

product [Ban16, Lev12f, Lor12a, Ökt15, Os10a, Os11b, OW14, OJN16].

products [Col13a, Des12, GB12, Mac15d, Os10b, Bea17].

Professor [Ste09a, Ste09b, Ste14, Bay10c, Tol10, Tol15f, Lev11c].

proficiency [Fre10a].

Profile [Bay14d, Gri14f, Gri14a, Tol10, Tol17b].

profiles [AA08, Hud11a].

Progress [Fyf11, Tol13].

Progressing [Iml10].
progression [AM11]. progressions [Gri12g, Lor15d]. Proizvolov [Nic15].
Project [Dol15b]. Projectiles [Ell17]. projections [Tol16d]. projective
[Smi15]. projects [BY08]. Prometheus
[Lev13c, Lev14e, Lev14p, Lev17g, Lev17b, Lor17f, Mac14a]. Promislow [Shi10c].
Proof [Edg16, Lor11m, Mah13b, SV15, Ste17a, Sub15b, BS12a, Dac16, Gle15,
Haj15a, Har14, Jam10a, Jam13c, Jam15d, Lor15l, Lor16f, Nil13, Pla16,
Sh11a, Sti10, Sub14a, Tod15, Ton16, Wei12, Wil12, Wil17, You11b, You11a,
You12, You13, Zor10, Cha15, DeM10, GV15, PF10, Sub15a, Hoa12]. proofs
[IS12, Lor15a, Lor16c, Mac13f, Mer10, Zho11, Job11a]. Properties
[GG12b, Jos16d, Jos17b, Rou11, FS10, Fox16, Gri11f, Haj12, Haj17d, KG11,
Mah10c, SE13, Sco10b]. property [ES10, Mil11, Mit12, Nic17]. prophecies
[War12b]. prophets [Lev14i]. proportion [Gri15f], protagonists
[B+11, GG12c]. proved [PF10]. Proving [Ber15, GG13, Yeol17b]. pseudo
[Haj10]. pseudo-congruence [Haj10]. pseudoprimes [Jam11b]. Ptolemy
[Gib11c, Gri17b, Gri17c, Hun17a, Lev1ld, War10a]. pull [Hol13a]. purchases
[Tol15g]. purpose [Tol14e]. pull [Lor12h]. puzzle
[Gri12g, RT11, Bev13, Hun13b]. Puzzles
[Lev12e, Bay10a, Cut14, GG08a, GDDR08, Grä11, Gri12f, LL11, Pet09,
Sut11, Ban14b, Gib17, Gri14c, War13b, War13c]. pyramidal [Edg16, PIs16].
Pythagora [Shi10b]. Pythagoras
[Lev14a, Gri15h, Luz16, Mar12, San09, Sju13]. Pythagorean
[Lev13b, Bea12a, BD12, Jos16d, KK11, Kos16, MvdB12, O’L10].

Quadling [How15]. Quadratic
[Jam13a, Fer16, Shi10a, Shi12c, Yan10, Fos12d]. quadrature [Szy17].
quadrilateral [Bea12c, Jos15, Jos17a, Lor13b, Sil17]. Quadrilaterals
[Lor12g, Fin14b, Jos16c, Jos16b, Jos16d, Jos17b, Lew12a, Lor14j, PU11].
quadrisection [Sco16]. Quadritangent [Fox14]. Quadros [Gri14d]. Quand
[Bat14, Lor15i]. quantum
[And13c, App10a, Bag11, Con10, FFGH09, Gue08, Sch10, Ved10, War11a].
quartic [Kul13c, Nic12b, YF12]. Quaternia [Cri15a]. Quercus
[Lev10a, Lev11f, War10a]. quest [Cha05, Cha07, Hud11b]. question [Sik12].
Questions [Ano06, BEH17, Dol12a, Lev11f]. quests [Ron07, Wil10]. quick
[War16a, You13, Lor15a]. quickest [Lor13i]. quilt [Hun12a]. Quinn [Pat17].
quintic [Col15, Kul13b]. Quotient [Vil14b, Beall3]. Quotients [Bre15].

R [App14b, Gib12b, Lev17e, Lor16c, Mac10b, Tol16d]. R.
[Hoa13b, Hol17, PW13]. R.P [Tol16c, dV14]. rabbits [Gri15g]. Rachel
[Mac16b, Tol15e]. Radhey [Con17b]. radian [DL14]. radical [Sco14a].
radicals [Col15, Os10b, OJN16]. radius [Col11a]. Radmila [Rou16]. Raf
[Hun10a]. Ragni [Hun16]. Ragui [Hoa11]. Rain [Ban10c]. Rainer [Shi15c].
Rajeev [Mac14b]. Ramanujan [Hir13, MGC13b, Pla12, VSR13, Tol17e].
Ronan [Wil10]. root [Kul13a]. rooted [vDD13]. roots [Abe16, Cam16, Fin14a, GG12a, Jac11, Kom10, Lo 13, Lor15n, Nic11, Shi12b].

Rosenberger [Shi15b]. Rosenhouse [Bay11b, Bev13]. Rosenthal [Lor16b].


S [Cou14, Cou17b, Gib14b, Gri11c, Hal17d, Hoa17, Hol17, Hun15, Lev14e, Lev14h, Lev14p, Lev17g, Lor14e, Lor16c, Lor17e, Rot10c, Rua12, Rua13, SB+12, Shi10c, Shi13c, Tol16b, War10b, Zar11, dV14, Bat14, Lor15i, KK10].


Sasane [Lev17c]. save [Hol12b]. scale [Aud14]. scary [Pas11b]. scenario [Gri12h, Gri15g]. Schilders [Gri14d]. Schmah [Cou12]. Schneider [Hun14b]. Schnell [Fos11, Mil12]. Schneps [Lev13f]. Schoenfeld [Fre10a]. school [Yeo17c, Dol15b]. schools [Lev17e]. Schubert [Cou14]. Schuppert [Gri14d]. Schwarz [Lor15j]. Schwendner [Hun14a]. Science [WILY11, Wer09, Adl14, Bre11, DSZ08, Dav12, De 14c, Hai10, LHS14, Mac13d, Sen12, Tob12, Gri13b, Lev10e, Mac13a]. sciences [Ano12d, Ano13l, CMZ93, FFW13, JS08, Mac11d, Rui13a, Sto14c, Lev14g, Lor14f, Mac10c].

Scientific [Gib17, Gri17c, Hal17a, Hal17c, Hal17d, Hun17a, Lev12c, Lev17c, Lev17e, Lev17r, Tol17a, Yeo17b, Yeo17c]. scientists [AM08, Mac10b, Mac10a, Vel09]. scores [vdV12]. Scott [Lor15h, Rua14c].


Semiseparable [VvBM08, Hun10a]. Senechal [Fre15, Lev10c]. Senior [Lon11c]. sequel [Dol15b]. sequence [Gri15h, Gut11, McG13, Mil11, Osl12b, Pla12, Rua14c]. sequences [Di 13, Gri11a, GS16, K gm10, Lor14l, MMYA10, Pla16, Lor11a]. Series [Cou13, Jam14d, BD15, BD16, Coo11a, Grii2a, Grii2e, Gri12b, Jam14f, JLL15, Kha10, LN17, Lor10g, Mel13, Mur11a, Nil13, NL16, Nir13, Nur14b, Nur14a, Nur16, Osl12a, OD13, Sco11d, Sco11a, Sco11c, Sco14c, Sco15a, Sub15b, WO13, Gri15b, Pla11a]. seriously [Bev13, RT11]. Serre [Shi10i].

Seshadri [Cou14, SB+12]. set
Sets

Seventeenth [Dev08]. seventeenth-century [Dev08]. seventh [Tay07].

Sever [Shi13c]. several [Tay07]. Seymour [War10b]. Shakespeare [dS13]. Shanghai [Mer15].

Sever [Shi13c]. several [Tay07]. Seymour [War10b]. Shakespeare [dS13]. Shanghai [Mer15].

sets

seven

Seventeen [Ste12c]. Seventeenth [Cut14]. set [Cout14]. seven [Tol17h]. Seventeen [Ste12c].

seventeenth [Dev08]. seventeenth-century [Dev08]. seventh [Tay07].
Ara15, Fox14, Nun13, Pop12, Gib14b. spherical [CR16, Rua14b, Van13].
spirographic [Ber17]. Splitting [Gor13]. spreadsheet [Mur11b]. Sprent [Ban10b]. Springer [App11, App14b, Ban14a, Bay11a, Bay17a, Bay17c, Cou15, Cou17a, Eat13, Gib10c, Gib12a, Gib13b, GG10a, GG12c, Gri13a, Gri13d, Gri14d, Hai10, Hai12, Hai15, Hoa11, Hun12b, Hun14b, Hun16, Hun17b, Hun17c, Lev11a, Lev12b, Lev13g, Lor10c, Lor11h, Lor13d, Lor15h, Lor16c, Lor16b, Meg12, Pas14, Sch10, Sch16c, Shi10d, Shi11e, Shi11d, Shi12c, Shi14d, Shi14c, Shi15c, Shi15a, Shi16b, Tol14c, Tol17e, War12a]. Springer-Verlag [App11, Gib13b, Pas14]. Spurt [Gro11]. Spurtacular [SG12]. Square [Ban10b]. squared [Haj17b]. squares [AM11, BT09, Dol12b, EM12, Fos12e, GV15, Hir11f, Jac11, Jam10b, Job13a, ML13, Sch16a, Sco15a, Shi14d, Shi14c, Shi15c, Shi15a, Shi16b, Sub14b, Sut10, Szy17]. Srirangachari [SB+12]. Srivastava [Hun15]. Stability [Ter09, Rob12, Mac11b]. stabilization [Mac11b, Ter09]. Stable [Bea15a, Gri11g]. Stacey [Ten12]. Stahl [Lor14e]. Stanley [Gri17c, Lev17a]. starships [Adl14, Mac15c]. state [Ron13c]. static [De14]. statistical [BHJ10, FFGH09, Hal11a, Sch10, Tol17h]. Statistics [Kra09, Nic08b, Pat17, Tol14e, Gri13a, Hor14, Leli11, Mar16, MMC09, Nic08a, Tol14d, Tol15c, Whe13, Hai17, Lev14f, Lor11i, Zarf11, Grl11d, Hall10c, Hall11c]. stats [Min12]. Steadfast [Abb10, Lang17]. stillness [Kan17]. Steadman [Lor17d]. Stein [Hun13d, Abb15, CR14, Dac16, Haj17c, Hva11]. Steinhaus [Ste16a]. step [Mac16a, Sik12, Mac16a]. Stephen [Gib12b, Hai17d, Hun13c, Mac13c, Tol17h]. Stephenson [Ano14n]. steps [Tol16c]. Sterrett [Hoa14b]. Steve [Mac14d]. Steven [Bay14a, Hud10c]. Stewart [Bay14d, Gri14f, Gri14a, Haw11, Lev10d, Lev11c, Sto17b, Tol10, Tol15f, Ste08, Ste09a, Ste09b, Ste14]. Stigler [Tol17h]. Stillwell [Hoa12, Lor17d]. stimulants [Bat14]. Stirling [Gri12d, Jam15b, Jam15d, LN17, Lor15c]. Stochastic [KS14, For12, MD10, Sch16c, App14a]. stochastics [Cin11, Hai12]. stock [GS11]. Stoica [Cou12]. Stop [HP10a, PdVF14]. Stop-sign [HP10a]. stor [Bro12a]. stor- [Bro12a]. stories [Ada09b, Gri14d, Hun12a, LPE+12, Lor11g]. story [And13c, Bag11, Bay11b, Gri13f, Hay12, Ros09]. Stothers [Gib11c]. Strahle [RR11]. straight [GG12a, Lor13i]. Strange [GG08c, Lev10e]. strategic [Smy10]. Strategies [Joh12, And17, Lor17e]. Strategy [Hal17d]. Strauss [Eat12]. Street [Mah10a, Haw12]. Street-fighting [Mah10a, Haw12]. strictly [MM15]. string [YN10, YN12]. strings [Ada10, Lew14, War13a]. stripping [Whe13]. structure [Hud10a, Hun15, JST12]. Stubhaug [Gib12a]. Student [BL12, Cro10, Dol10a, Dol10b, Dol11c, Dol11d, Dol11e, Dol12e, Dol12f, Dol12g, Dol13b, Dol13c, Dol13d, Dol14d, Dol14b, Dol14c, Dol15a, Dol15c, Dol15d, Dol16c, Dol17b, Dol17c, Hal14]. students [Bau13, Iva09, Yeo17c, Lor11f]. studies [Mac14c, RJPG12, R+12]. Study
[Alc12, Alc13, Fos14b, Hal17a, Hal17c, Sto14a]. **Studying** [Cel17].

**Stylianides** [Hun17f]. **subdivision** [Pop12]. **subsets** [Mez14, Pla14].

**substitution** [Ste17d]. **subtle** [Wel12]. **subtriangles** [Lor13b]. **Success** [Hal12b, Gri14d, LPE‡12, Hal12b]. **Sudoku** [Bv13, BT09, RT11, War10b, Job10, MM12]. **sudoku** [SLMRR10]. **Sue** [Hal14]. **suggestion** [Kan17]. **Suk** [Von17]. **Suk-Young** [Von17].

**Sulbasutras** [Ste12b]. **Sultan** [Yeo17c].

**Sum** [NS87, Gri12b, Gri15c, Hr11f, Lor16g, Nur13, Sco14c]. **Summing** [Sub14b, Gri12e, Shi17, Tol17f]. **Sums** [AML11, Bur10b, Cer16, Ctr12a, Der15, GB12, Gri15e, Jam15b, Jam17, JLU10, Loo11, Lor15a, Os12a, Shi13d, Tre17, Tsa11]. **Sundar** [App14a]. **Superbrain** [Lev11e].

**support** [BL12, Hal14]. **surd** [Vil15].

**surely** [Ben12a].

**surface** [Jew10, Sim11b, Vil14a]. **surfaces** [BL10, EF10, Hun13c].

**surprising** [ES16, Hir11d, Lor13h].

**survey** [JM09a, JM09b]. **Sutherland** [Shi10g].

**Swetz** [And13a, Sut10]. **Sylvestre** [De 12]. **symbolic** [Lev12f]. **symbols** [Lor15g, Maz14, Pas11b].

**symmetric** [Lor11d]. **symmetries** [CBGS08, Eat12]. **Symmetry** [GW09, HS13, Ron07, Yan14, Cou12, HTSE09, KK17, Shi14e, Hun12b, Wil10].

**system** [Pla10c, Shi13b]. **Systematic** [Mac14c, RJPG12, R+12]. **Systems** [Hun10a, AM08, AF12, Gue08, Mac10b, Sma12, Cou10, Cou13]. **Szpiro** [Gri11b, Hud13b].

T [Gri11c, Gri14d, Tol15a]. **T.O** [dV14]. **Taalman** [Bev13]. **table** [Bur10c, Cri10, Nee10, Ps16, Pur11].

**tables** [Bea15a, Os11a]. **tackles** [Lor11d]. **tactics** [Lev17d]. **Taking** [RT11, Fos12c, Bev13].

**Talagrand** [Sch16c]. **tale** [Bau13, Dev08]. **talented** [Lev17e]. **tales** [AG14, Tol15c].

**Tall** [Hal16, Sto17b]. **Taming** [KP14, Hoa15b]. **Tammadge** [How16].

**tangent** [Sco11d]. **Tangents** [Gla13]. **Tantrix** [BEH17]. **Tanya** [Cou12]. **Tapp** [Hun17d]. **Tarry** [Kee11]. **taster** [Pas16]. **Taubes** [Gib13a]. **Tavares** [War10b]. **Taylor** [Rot10a, Far13]. **the** [For12, Gri13a].

**teach** [Lev14c, Orz12]. **teacher** [Ada10, Bau13]. **Teachers** [Neu16, Iva09, Lor11f].

**Teaching** [Jam13a, Ran14, dS13, Ada10, AR14, And17, Fie07, Sto14b, Zar10b, Tol17g, dV14]. **technique** [LN17]. **techniques** [Cve12, JS08, Mac10c, Shi14d, Yeo17b].

**template** [Sch16a]. **template** [FR08].

**ten** [BY08]. **Tensor** [Mac16c]. **Tent** [Gri10b]. **Tenth** [Hir11b]. **tents** [FMS10].

**Teresa** [Tol13]. **term** [VSR13]. **terms** [JLU17, MS13, Mil11, Nur14b]. **Terrell** [Mac11b]. **tesseract** [Edg16].

**tetrahedral** [Edg16]. **tetrahedron** [Bea15b, Kuc12, Lin11, Nic12b]. **Tewkesbury** [Gri14d]. **Textbooks** [Mer15].

**Texts** [App14a, Cou10, Cou12, Gib13a]. **Thayer** [Rau12]. **Their** [Lev12e, Ban14b, Hun10b, Mit12, Tub09]. **them** [Bur10b, Hop16]. **theme** [Lor10, Lor12]. **Theorem** [Shi11b, Abb15, Bar17, CR14, Dac16, De 13, De 14a, Gri12g, HAJ10, HAJ15a, HAJ17c, Jos16a, Jos17a, KK11, Kha13, Luz16,
Mac11a, MP11, Mer13, Mer17, Nur16, OS15, Rza10, Wil12, Lev13b].
variance [FL14, LY11, Lor14h, Wil14]. variation [De 14a]. Variations [Ara15, Lor10i, Lor12j, Mac11l, MM13b]. VCH [Mac10a]. Vector [Con14, Ban16]. Vectors [Sud11]. Vedtal [War11a]. Velten [Mac10a]. Vera [Hun13d]. Verlag [App11, Bay17a, Bay17c, Con15, Con17a, De 10b, De 10a, Gib13b, Hai15, Hun16, Hun17b, Hun17c, Lor15h, Pas14, Sch16c, Shi16b, Tol14c, Tol17c].


Volchkov [App11]. Volpert [Jac14]. Volume [Lor14f, Scl11, Vol11, Ano10g, Ano10h, Ano10i, Ano10k, Ano10j, Ano10m, Ano10l, Ano11f, Ano11h, Ano11g, Ano11j, Ano11i, Ano11l, Ano12f, Ano12h, Ano12g, Ano12j, Ano12l, Ano12k, Ano13c, Ano13g, Ano13f, Ano13i, Ano13h, Ano13k, Ano14h, Ano14i, Ano14j, Ano14k, Ano15f, Ano15g, Ano15j, Ano15i, Ano16d, Ano16c, Ano17f, Ano17e, Ano17g, Ano17h, Cou14, Jac14, Lin11]. volumes [Bay15a, FM10, Fos14a]. vote [Cri12b]. vs [Ada10, War13a].

W [Gri10b, Gri14e, Gri14d, Hua14b, Mac10c, Shi14b, Scl10, Tol15a, Zar11].


Whitaker [Mac15b]. Whoever [Ram09]. whose [Lor14g]. Wikler [Lev10e].

Wiles [B+11]. Wiley [App10b, Grit14e, Hai17, Hall1a, Hun13a, Lor10d, Lor14e, Mac10a, Mac14c, Shi10c]. Wiley-VCH [Mac10a]. Will [Hop16, Hop12]. William [Hall1c, Hud10a, Lev12a, Lev14j, Mac11b, McG13, War11b, War13a, Gar10].

Williams [Gib12b, Sto10b]. Willson [Lev14j, Gar10]. Wilson [Gib11c, Lev13e, Lev13b, Lev14b, Lev14g, Rua10, Shi10g, Shi11e]. Wind [Mah14]. winners [Hop12]. wire [Lor14a]. wisdom [Tol17b]. within [BD10, Fos12e, Rob10]. Without [SS16, Ban10b, Cell15, Cha15, DeM10, Edg16, GV15, Hir11b, Lor11m, MM13c, Mah13b, PF10, SV15, Spr09, Ste17a, Sub15a, Sub15b, Tol16a, You11a].
References

[Wizards] Adl14, Mac15c. **Woodhead** [Gib11c]. **Woolwich** [Col13b]. word [And13a, Swe12]. **Words** [SS16, Cha15, DeM10, Edg16, GV15, Lo 13, Lor11m, MM13c, Mah13b, PF10, SV15, Ste17a, Sub15a, Sub15b, Tol15d]. work [FMW14, Kin15]. **workbook** [Hal12b, Hal13, Pea11, She10b, Sto12a]. works [Gib12b, WMW10]. **World** [Gib17, Gri17c, Hal17a, Hal17c, Hal17d, Hun17a, Lev17c, Lev17e, Lor17e, Tol17a, Yeo17b, Yeo17c, And13d, Bev13, BT09, Dev08, For12, GG10b, Hah12, M*08, MD10, Pas11b, RT11, Ste12c, Tol16e, Wa109, War10b, Gri14a, Hud10b, Lev17b]. **Worth** [Hoa14a, Grä11, War13b, War13c]. **Wright** [And10a, And10b, Lev11b]. **Wrinch** [Sen12]. writes [Ano14p, Ano14q, Ano14r, Ano14o, Ano14n]. writing [DSZ08, Lev10e, Lev12d, Lev14l, Lev14m, Lev15b, Lev17f, Pit11, Pit12, PM13, Pit14, War12c]. writings [Hoa13a, Neu11, Tha05, Rua12].


X [Lev11d]. **Xiong** [Yeo17b]. **Xlibis** [Hud10a]. **Xlibris** [Hal11c, War13a]. XYZ [Lea10, Yeo16].

**Yackel** [For10b, For13]. **Yadav** [Rua13]. **Yau** [Mac14d]. year [Grä11, Sut10, War13b, War13c]. years [HP10b, MC09, War12c, Hoa11, Lev11c]. yields [Rob10]. **Yim** [Mac13b].

**Yong** [Yeo17b]. **Young** [Von17]. **Yudinova** [Hun14a].

Zawaira [De 11b]. **Zdravko** [Shi14d]. **Zeeman** [Ste16b]. zero [Mar11, Sco14c].

zeros [Kul16]. zigzag [Wei12]. **Zvi** [Lev17b]. **Zwicky** [Lev10e].

References


REFERENCES


Abboud:2015:RST


Akemann:2011:OHR


Abel:2016:HOA


Acheson:2011:WPM


Andreescu:2008:PB


Adam:2009:MNW


REFERENCES

1-139-19492-5 (e-book), 0-521-75994-3, 0-521-76988-4 (hardcover),


Atanasiu:2015:EOC


Anderson:2010:BRBa


Anderson:2010:BRBb


Anderson:2011:BRB


Andrews:2012:LCP


Anderson:2013:BRBb

Anderson:2013:BRBc


Anderson:2013:BRBa


Anderson:2013:BRBd


Andrilli:2017:SST


Anonymous:2006:AFQ


Anonymous:2010:AGM

Anonymous:2010:Fa


Anonymous:2010:Fb


Anonymous:2010:Fc


Anonymous:2010:M


Anonymous:2010:IBG


Anonymous:2010:MVIa


Anonymous:2010:MVIb


Anonymous:2010:MVIc

REFERENCES

Anonymous:2010:MVIe

Anonymous:2010:MVID

Anonymous:2010:MVIG

Anonymous:2010:MVIF

Anonymous:2011:A

Anonymous:2011:Fa

Anonymous:2011:Fb

Anonymous:2011:Fc
REFERENCES


REFERENCES


Anonymous:2013:MVIa


Anonymous:2013:MVIc


Anonymous:2013:MVIb


Anonymous:2013:MVId


Anonymous:2013:MVIe


Anonymous:2013:MS

Anon Anonymous:2013:PCU


Anonymous:2014:IMO


Anonymous:2014:A


Anonymous:2014:BR


Anonymous:2014:Fa


Anonymous:2014:Fb


Anonymous:2014:PM


Anonymous:2014:MVIb

Anon:2014:MVIA


Anon:2014:MVID


Anon:2014:MVID


Anon:2014:MVIF


Anon:2014:MVIE


Anon:2014:MA


Anon:2014:PSW


Anon:2014:N LW

REFERENCES


REFERENCES

Anonymous:2015:MVIa

Anonymous:2015:MVID

Anonymous:2015:MVIc

Anonymous:2015:MVIe

Anonymous:2015:MVIb

Anonymous:2016:BR

Anonymous:2016:F

Anonymous:2016:MVIb
REFERENCES

Anonymous:2017:MVId


Anonymous:2017:MVIc


Anonymous:2017:MAa


Anonymous:2017:MAb


Applebaum:2010:BRBb


Applebaum:2010:BRBa

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Baylis:2010:BRBb


Baylis:2010:BRBa


Baylis:2010:CC


Baylis:2011:BRBb


Baylis:2011:BRBa


Baylis:2012:BRB


Baylis:2015:WAI


Baylis:2017:BRAa


Baylis:2017:BRM


Baylis:2017:BRAb


Binder-Brantley:2012:DPF


Burgisser:2013:CGN

[BC13] Peter Bürgisser and Felipe Cucker. *Condition: the geometry of numerical algorithms*, volume 349 of *Die Grundlehren der math-

Buchanan:2015:A

Blight:2010:FAR

Bryant:2010:WWW

Bhanu:2012:DPT

Beauregard:2015:DEV

Beauregard:2016:MS


REFERENCES


REFERENCES


REFERENCES

*Bidgood:2010:AMS*


*Baoulina:2017:DD*


*Banchoff:2010:DGC*


*Berry:2012:SSM*


*Bluskov:2011:PE*


*Boreland:2010:HF*

REFERENCES


REFERENCES


REFERENCES

2015. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


[Bur10b] Bob Burn. Sums of powers of integers — how Fermat may have found them. The Mathematical Gazette, 94(529):18–26, March 2010. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


[Caes15] Samantha Caesar. 99.01 Intercepts and turning points of polynomial functions. The Mathematical Gazette, 99(544):121–125,
REFERENCES

March 2015. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


Chen:2016:EPI


Chen:2016:NSP


Chick:2012:C


Cinlar:2011:PS


Chan:2013:MC


Cipra:1993:WHM


Collins:2011:LCG


Coutinho:2015:BRC


Coutinho:2017:BRC


Coutinho:2017:BRE


Crilly:2010:RCD


Conway:2013:F


Conway:2014:SLA


REFERENCES


REFERENCES


[Cross:2010:SP]

[Ceccherini-Silberstein:2010:CA]

[Christian:2014:IEW]
Helen Christian and Brian Trustrum. If everyone wanted girls more boys might be born. The Mathematical Gazette, 98(543):396–401, November 2014. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

[Cullinane:2011:MAD]

[Cuthbertson:2014:CCP]

[Cvetkovski:2012:ITT]
REFERENCES


REFERENCES


[De 14c] Michael De Villiers. Book review: Iris Runge: A life at the crossroads of mathematics, science and industry, by Renate Tobi- 


[DeM10] Joe DeMaio. 94.22 Proof without words: decompositions of \( \binom{n+1}{2} \) and \( n^2 \). The Mathematical Gazette, 94(530):317, July 2010. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

REFERENCES

July 2010. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES

CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Dolan:2016:SP


Dolan:2017:LC


Dolan:2017:SPa


Dolan:2017:SPb


Doumas:2013:AAP


Downes:2015:RRL


duSautoy:2013:TSM


Eaton:2013:BRB


Edgar:2016:PWA


Englefield:2010:EAS


Eggleston:2015:NPO


Etingof:2011:IRT


Edwards:2011:PMM

REFERENCES


REFERENCES


Frohlich:2009:JTS


Fauvel:2013:OFE


Fine:2014:IAA


Farin:2005:PLA


Fielder:2007:TAG


Fink:2014:PAR

REFERENCES

Fink:2014:I


French:2010:DSP


Farnsworth:2014:DSV


Feeman:2010:RVR


Figueiredo:2010:BDU


Flood:2014:JCM


Fabian:2013:PEI

March 2013. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


[Fortune:2010:BRBa]


[Fortune:2010:BRBb]


[Fortune:2011:BRB]


[Fortune:2012:BRB]


[Fortune:2013:BRB]

REFERENCES


REFERENCES


REFERENCES

[Frenkel:2013:LMH]

[Fre15]

[Flood:2011:MVB]

[Fabrykowski:2010:TPI]

[Flood:2011:GMU]

[Fyfe:2011:PAM]

[Gao:2008:IDS]
REFERENCES


Gauthier:2012:NFA


Grozdev:2014:CGM


Gardner:2008:LPC


George:2010:I


George:2015:WCL


Geretschlager:2008:GO


Gessen:2011:PRG

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Golding:2010:BRB


Gordon:2013:ST


Griffiths:2013:CL


Gratzer:2011:TYB


Granger:2013:CSA


Griffiths:2008:BPT


Griffiths:2010:MDK

REFERENCES


REFERENCES


REFERENCES


**Griffiths:2013:GRE**


**Griffiths:2013:BRBe**


**Griffiths:2014:BRBb**


**Griffiths:2014:BRBd**


**Griffiths:2014:BRBe**


**Griffiths:2014:BRE**

Martin Griffiths. Book review: *European success stories in industrial mathematics* by T. Lery, M. Primicerio, M.J. Esteban,
REFERENCES


Griffiths:2014:BRBc


Griffiths:2014:BRBa


Griffiths:2015:LT


Griffiths:2015:SIF


Griffiths:2015:ISR


Griffiths:2015:GRE


REFERENCES

Gustafson:2012:CHM


Gusic:2015:BPE


Guthery:2011:MMH


Grivoyannis:2015:PWP


Goodman:2009:SRI


Hahn:2012:MEW


Haigh:2010:BRB

94(531):569–570, November 2010. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

Haigh:2012:BRB


Haigh:2013:BRB


Haigh:2015:BRB


Haigh:2017:BRC


Hajja:2010:PAP


Hajja:2011:WDP

REFERENCES


[Haj17d] Mowaffaq Hajja. 101.23 one more note on the extremal properties of the incentre and the excentres of a triangle. *The


Hall:2011:BRBb


Halbeisen:2012:CST


Hall:2012:BRB


Hall:2013:BRB


Hall:2014:BRB


Hall:2015:BRBa

REFERENCES


REFERENCES


<table>
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Hirschhorn:2011:WSC


Hirschhorn:2011:TFP


Hirschhorn:2011:TOA


Hirschhorn:2012:IEC


Hirschhorn:2013:CFR


Hersh:2011:LHM


Hokuto:2014:WBI


Hoare:2010:BRB

REFERENCES


Hoare:2011:BRB


Hoare:2012:BRB


Hoare:2013:BRB


Hoare:2013:RGM


Hoare:2014:BRB


Hoare:2014:BRT

REFERENCES


REFERENCES


[Hop16] David Hopkins. Will my numbers add up correctly if I round them? *The Mathematical Gazette*, 100(549):396–409, November 2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/product/ 88F5753DFE9F0DDDEAD1F2552B0F8B22. The probability that rounding after fixed-point summation of n terms gives the same result as summation of rounded terms is given by \( p(n) = \frac{2}{\pi} \int_0^\infty (\sin(x)/x)^{n+1} \, dx \), and that function is always a rational number. Its values are \( p(n) = 1, 3/4, 2/3, 115/192, 11/20, 5887/11520, 151/315, 259723/573440, \ldots \) for \( n = 1 \) to 8.
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Jacob:2014:BRB


Jameson:2010:TSF


Jameson:2010:EOS


Jameson:2011:FCN


Jameson:2011:FP


Jameson:2012:EIT


Jameson:2013:TQF

REFERENCES


Jameson:2014:SDS

Jameson:2014:OME

Jameson:2015:CD

Jameson:2015:EMH

Jameson:2015:EFT

Jameson:2015:SPS

Jameson:2015:SCE

Jameson:2016:IGF
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Kang:2017:BSS


Keedwell:2011:GTM


Keedwell:2013:PSD


Kemper:2011:CCA


Kennedy:2014:IGC


Koshy:2011:SDP


Khan:2010:RNE

REFERENCES


REFERENCES


REFERENCES

Kominers:2010:IRR

Konig:2012:MIP

Koo:2011:GER

Koo:2017:DLF

Korner:2014:CA

Koshy:2011:CBC

Koshy:2012:SCI


REFERENCES


REFERENCES

CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


REFERENCES

Leek:2017:BRL


Lehmann:2011:FNC


Leung:2012:DRA


Leung:2012:STC


Leversha:2008:CB


Levi:2009:MMU


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Leversha:2014:BRBd


Leversha:2014:BRBj


Leversha:2014:RR


Leversha:2015:BRM


Leversha:2015:BRB


Leversha:2015:DJF

REFERENCES


Leversha:2017:BRS


Leversha:2017:BRB


Leversha:2017:BRCa


Lewand:2010:PC


Lewis:2013:HMD


Lewis:2014:RSA


REFERENCES


[Lor11c] Nick Lord. 95.39 A UKMT senior mathematical challenge problem: frustration leads to joy! *The Mathematical Gazette*, 95(533):322,
REFERENCES

July 2011. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


REFERENCES


REFERENCES


Nick Lord. Evaluating \( \sum_1^n r^2 \) and \( \sum_1^n r(r + 1) \) using moments. *The Mathematical Gazette*, 98(542):346–347, July 2014. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


REFERENCES


REFERENCES

[Lor16a] Nick Lord. 100.19 a quick evaluation of \( \lim_{m \to \infty} \sum_{k=0}^{m} \left( \frac{k}{m} \right)^m \).


[Lor16e] Nick Lord. Euler, the clothoid and \( \int_0^\infty \sin^2 x \, dx \). *The Mathematical Gazette*, 100(548):266–273, July 2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/product/2E73DA0C1B3207B7CC3C5DD8A0A6E43B.

[Lor16f] Nick Lord. The most elementary proof that \( \sum_{k=1}^\infty 1/k^2 = \pi^2/6 \). *The Mathematical Gazette*, 100(549):429–434, November 2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/product/513F59660D22469C55B1B3DD49D81E0C.
REFERENCES

[Lor16g] Nick Lord. When is the sum of two triangular numbers triangular? The Mathematical Gazette, 100(547):152–154, March 2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


REFERENCES


[M+08] Marta Menghini et al., editors. The first century of the International Commission on Mathematical Instruction, 1908-2008: re-
REFERENCES


[Mac10d] Des MacHale. 94.31 Approximations for \( \pi \) and \( e \). The Mathematical Gazette, 94(531):486–488, November 2010. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES

MacGregor:2014:BRBc


MacGregor:2014:BRA


MacGregor:2014:BRBa


MacGregor:2014:BRBb


MacHale:2014:ASS


MacGregor:2015:BRG

MacGregor:2015:BRJ


MacGregor:2015:WAS


MacKinnon:2015:PF


Macgregor:2016:BRL


Macgregor:2016:BRP


Macgregor:2016:BRT

REFERENCES


REFERENCES


REFERENCES

2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


REFERENCES


REFERENCES

[Michael:2009:HG]

[Milatovic:2011:POT]

[Milner:2012:VAS]

[Minton:2012:GNH]

[Mitchell:2012:PHT]

[Maor:2014:BG]

[Mungan:2013:PAR]
Carl Mungan and Trevor Lipscombe. 97.16 Probability analysis for rolls of a square cuboidal die. *The Mathematical Gazette*, 97
REFERENCES


MacHale:2012:MS


MacHale:2013:RS


MacHale:2013:VTP


Mahmood:2013:TPW


Machale:2015:MRS


Moore:2009:IPS


Matsui:2010:PLT

REFERENCES

*McGregor:2010:FUM*


*Molitierno:2012:ACM*


*Molokach:2017:NOG*


*Mathew:2011:FTC*


*Mercer:2013:ETJ*


*Mukerji:2007:MMO*

REFERENCES

Mukerji:2010:OI


Munro:2012:BRB


Murphy:2011:ACS


Murphy:2011:NIS


Murphy:2011:I

[Mur11c] Robin V. W. Murphy. 95.33 Integrating \( \int_0^\infty \sin^a(x) + \cos^b(x) / x^dx \). *The Mathematical Gazette*, 95(533):307–311, July 2011. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

Murphy:2012:EUC


MacHale:2012:GRA


REFERENCES

2017. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/product/570A29A9AFB8B12C5FDBF7AE7D14E8ED.


[Nil13] Rodney Nillsen. 97.22 A proof that the series \( \sum_{n=1}^{\infty} \frac{1}{n^p} \) is convergent for \( p > 1 \). The Mathematical Gazette, 97(539):273–274, July 2013. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES

2014. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES


Oxman:2015:ESC


Osborne:2013:LCS


Osler:2010:TJW


Osler:2010:VLP


Osler:2011:EPO


Osler:2011:MLB


Osler:2012:PSS

REFERENCES

2012. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

Osler:2012:MFB


Osler:2015:SFD


Osler:2016:BT


Osler:2014:VPP


Pasles:2008:BFN


Pascau:2011:FP


Patterson:2017:BRM


Paseau:2014:SAG


Pearce:2011:NMF


Percy:2012:GHC


Petkovic:2009:FPG

REFERENCES

Proctor:2008:EGM


Plaza:2010:PWT


Perkins:2017:C


Piskorz:2016:SPN


Pitici:2011:BWM


Pitici:2012:BWM


Pitici:2014:BWM

REFERENCES


REFERENCES


REFERENCES

Polster:2012:MGM

Parramore:2014:TGV

Patel:2011:CQ

Puritz:2011:MYO

Price:2013:RGM

Quadling:2012:GA

Quadling:2012:CME

Quadling:2012:EK
REFERENCES

Quadling:2013:IR


Rohde:2012:IIC


Rajeev:2013:AME


Ramsden:2009:WTS


Ransom:2014:TTT


Read:2010:DT


Reale:2010:SGG

REFERENCES


REFERENCES


Robin:2012:SFL


Robin:2013:EMD


Rocchi:2014:JFP


Ronan:2007:SMO


Rosenhouse:2009:MHP


Roth:2010:BRBd


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

[Sch16a] Robert Schenk. 100.34 tilings from a square template with asymmetric edges. The Mathematical Gazette, 100(549):511–516, November 2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL https://www.cambridge.org/core/product/3C87DC76B6E896B8AF79CA5E51FA1D1D.


REFERENCES


REFERENCES


REFERENCES

Shimura:2010:AQF


Shiu:2010:FBA


Shiu:2010:BRBc


Shiu:2010:BRBf


Shiu:2010:BRBa


Shiu:2010:BRBb


[Shi13b] Peter Shiu. 97.02 Solutions to $\phi(m) = k!$ and $\sigma(n) = k!$. *The Mathematical Gazette*, 97(538):110–115, March 2013. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES

[Shi16a] Peter Shiu. 100.05 another evaluation of $\zeta(2)$. *The Mathematical Gazette*, 100(547):118–119, March 2016. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


REFERENCES

Silvester:2010:CWK

Silvester:2012:DFC

Silvester:2017:EAE

Simons:2010:GC

Simons:2011:BWH
[Sim11a] Stuart Simons. 95.48 Balls and walls — how energy can be lost in elastic collisions. The Mathematical Gazette, 95(533):349–353, July 2011. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

Simons:2011:SRS

Simons:2011:CAR

Simons:2012:HSR
REFERENCES


[Sma12] Michael Small, (Professor). *Dynamics of biological systems*. Chapman and Hall/CRC mathematical and computational biology se-


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Sto12c] Graham H. Storr. Book review: Mathematics under the microscope: notes on cognitive aspects of mathematical practice, by
REFERENCES


Storr:2014:BRH


Storr:2014:BRMa


Storr:2014:BRMb


Storr:2017:BRM


Storr:2017:BRF

REFERENCES

241

Stubhaug:2010:GML


Subramaniam:2014:NPR

[Sub14a] K. B. Subramaniam. 98.19 A new proof that the rationals are countable. The Mathematical Gazette, 98(542):345, July 2014. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

Subramaniam:2014:SSC


Subramaniam:2015:PW

[Sub15a] K. B. Subramaniam. 99.10 Proof without words: \( T_1 + T_2 + \cdots + T_n = \binom{n+2}{3} \). The Mathematical Gazette, 99(544):153–154, March 2015. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

Subramaniam:2015:PWC


Such:2011:OE


Sudbury:2011:VNP


REFERENCES


REFERENCES


**Sieminski:2015:PWD**


**Swetz:2012:MEE**


**Szpiro:2010:MMF**


**Szpiro:2010:NRV**


**Szyszkowicz:2017:AQC**


**Talvila:2013:TGB**


REFERENCES


REFERENCES

3-0348-0553-7 (Birkhäuser). The Mathematical Gazette, 98(543): 564, November 2014. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


**Toller:2015:BRE**


**Toller:2015:OMW**


**Toller:2015:BRBb**


**Toller:2015:PSC**


**Toller:2015:BRM**

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

vanDalen:2013:JBT


vanderVen:2012:HDG


Vedral:2010:DRU


Velten:2009:MMS


Villegas:2007:ENT


Villarino:2011:BMO


Villarino:2014:CSR


REFERENCES


REFERENCES

Ward:2010:BRBb


Wardhaugh:2010:HRH


Ward:2011:BRBa


Ward:2011:BRBb


Ward:2012:BRB


Wardhaugh:2012:PRP

REFERENCES


REFERENCES


Werthamer:2009:RRS

Wheelan:2013:NSS

Wilson:2008:LCN

Wilson:2009:FSG

Williams:2010:BRB

Willson:2012:PTL

Williams:2014:LVU


REFERENCES


[YN12] Shing-Tung Yau and Steven J. Nadis. *The shape of inner space: string theory and the geometry of the Universe’s hidden dimen-

[You11a] Robert M. Young. 95.31 \( \int_0^\infty \frac{1}{1+x^2} \, dx = \pi/2 \): A proof without trigonometry. *The Mathematical Gazette*, 95(533):304, July 2011. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).

[You11b] Robert M. Young. 95.32 \( \int_0^1 \frac{1}{1+x^2} \, dx = \pi/4 \): an elementary proof. *The Mathematical Gazette*, 95(533):304–307, July 2011. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic).


Zarzyc\ki:2011:BRB


Zetie:2013:BRB


Zelator:2010:NEI


Zawaira:2009:PMC


Zhou:2011:IPH


Zhou:2013:FS

Zorzi:2010:LPN


Zorzi:2011:BL