

# A Selected Bibliography of Publications by, and about, Benoît Mandelbrot

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## Title word cross-reference

$(2 + 1)$  [Zha09].  $1/f$   
[Ano99, Bak00, Gar78, Man67a, Man99b, Man02d, VC75, VC78, Vos79].  
**\$14.00** [Man61f]. **\$14.95** [Kir79, Sto79]. 2  
[Man85d, Mar04, NCS04, OdlCA02].  $2 + 1$  [Mac08]. 20 [FMS96]. 3  
[Bou09b, Car96, CB97, Gin02, HSK89, HD91, HKHP11, Maj98, Mar10, Nor82].  
**\$3.00** [Man60c]. **\$32.50** [Whe83]. **\$39.95** [Ano98a, Ano03a].  $3x + 1$  [XX07].  
**\$42.95** [Ano99]. **\$5.00** [GM61, Man60e, Man60e, Man60b].  $5/3 + B$   
[Man76b]. **\$54.95** [Ano03b]. **\$6.75** [Man60d]. **\$8.75** [Man62a]. 80 [FMS96].  
 $[0, 1]$  [BJM10b]. <sup>th</sup> [Wei05].  $C$  [CZ98].  $\mathcal{M}$  [Man83c, Man83d].  $\epsilon$  [Pic86].  
 $\exp(-\alpha\zeta + Z/\zeta - Z) - 1 = 0$  [YHHS93].  $f(\alpha)$  [Man89b, Man90b].  $\gg$  [CB59].  
 $H$  [Man69].  $J$  [CZ98].  $k$  [AS92, STI99].  $L$  [Bra94, AO97, AO01, OdlCA02].  $\lambda$   
[Man80].  $\ll$  [CB59].  $M$  [Car99a, CZ98, Man85a, Man85b, Man85d, Old01].  $\mu$   
[Man83c, Man83d].  $n$  [Cha11].  $n^2$  [Man85a].  $q$  [MML01].  $Q_\alpha(\mathbf{R}^n)$  [Yue10].  $R$   
[Man85b].  $R/S$  [MW69c, Man72b, MT79, Man02d].  $\rho$  [TW11].  $\sigma$  [Ate93].  $Z$

[CZ98, Man80, Man83c, Man83d].  $z \longleftarrow zw + c \quad (w = a + ib)$  [CZ98].  
 $z \rightarrow z^{-n} + c$  [Shi93].  $z \rightarrow \lambda(z + 1/z)$  [Man84g].  $z \rightarrow \lambda z(1 - z)$   
 [Man80, Man85c].  $z \rightarrow z^2 - \mu$  [Man83c, Man83d].

- [CZ98, Kur90]. **-Automorphisms** [Ate93]. **-D**  
 [CB97, Car96, HSK89, HD91, Nor82]. **-dimensional** [OdlCA02, Zha09].  
**-exponential** [MML01]. **-gram** [Cha11]. **-martingales** [BJM10b]. **-regular**  
 [AS92]. **-set** [Car99a, Man85a, Man85b, Man85d, Old01]. **-spectra** [Man69].  
**-system** [Bra94].

**0-7546-3933-9** [Pic07]. **0-902205-58-7** [Fri04].

**1** [Man01d]. **10** [CHR54]. **11th** [CMR06]. **14** [BGL67, LBG63]. **150** [GM61].  
**1960** [Man61a]. **1974/75** [Man75f]. **1977** [MS78]. **1980** [AGP81]. **1982**  
 [CR83]. **1983**. [SMR84]. **1985** [PT86]. **1989** [AF90]. **1992** [KK93]. **1993**  
 [Ano93b]. **1995** [EPV96].

**2002** [LvF04a, LvF04b, Man02c]. **2003** [ACM03]. **2005** [CMR06]. **200th**  
 [MS78]. **2010** [And11]. **20th** [Man02b]. **2nd** [Man62a].

**3** [Kur90, Voj89]. **3-7643-1771-X** [Kur90, Voj89]. **3.1** [Lar90]. **31** [Man75f].  
**32.50** [Ano98a]. **33** [Seu12]. **34.00** [Ano99]. **3D** [Hug98].

**40** [BCM92]. **41** [Man73d]. **44th** [IEE03]. **459** [Man62a].

**65th** [AF90]. **6th** [DLM99].

**75** [Bri85].

**'89** [RW89].

**'92** [KK93]. **'96** [BDLS96].

= [M<sup>+</sup>85].

**A.** [Man55b, Man61a]. **Abb** [Sto79, Voj89]. **Able** [Man10b]. **aboard**  
 [Ano89b, Dew89]. **Abstract** [Kel00a, Kel00b]. **abstracts**  
 [GMA<sup>+</sup>98, LMP85, MP84]. **Abundance** [BATL88]. **abuse** [Old01].  
**acceleration** [SH96]. **Accelerator** [Chu11, Chu12]. **accelerators** [Mar10].  
**According** [Man61d]. **ACM** [ACM03]. **acquisition** [EW96]. **across**  
 [Man01a]. **activities** [PJS99]. **Activity** [GM64, BBM79]. **Adaptation**  
 [Man51a, Man51b, Fla98, Man51a, Man51b]. **Adaptive** [LLP96]. **additifs**  
 [Man60g, Man62e]. **Additive** [yWjCnG07, Man60g, Man62e, XRZ09].  
**addresses** [KLPS06]. **Administration** [PR84b]. **Advanced** [BBBH92].

**Advances** [FpDS99, DLM99]. **advancing** [DDH10]. **Adventurers** [Gar88b].  
**Aeolian** [Pic94]. **aesthetic** [SCNT03]. **aesthetics** [MRM<sup>+</sup>05]. **Affine**  
 [CD93b, LVEB09, NR95, BV11, Bou09a, Bra94, DV93, DHKT95, Man85g,  
 Man86c, Man86d, Man86e, Mar04]. **affinity**  
 [Ano99, Ano03b, Man99b, Man02d]. **after** [DK06, KNBZ12]. **against**  
 [VHA05]. **Age** [VBM98, EHH05]. **aged** [Ano10a]. **agglomerates** [CGC<sup>+</sup>09].  
**agglomeration** [MML01]. **aggregates** [BRRK94, EMW92a, EMW92b,  
 MP84, Man91a, ME91, NFT<sup>+</sup>01, NCS04, Vor02]. **Aggregation**  
 [MKA02, KVMW95, Vor02]. **Airspaces** [Hel92]. **Alamos** [CR83]. **Albert**  
 [Lee59]. **Aldershot** [Pic07]. **aléatoire** [Man59c, Man74a, Man74b].  
**aléatoires** [KM65, Man74a, Man74b, Man75b, Man78b]. **algebra**  
 [Gin02, Old01]. **Algorithm** [All90, MH94, BCM91, BCM92, GJV17, Gar88a,  
 GAH93, GTL11, JT96a, LPZ08, PU08, Ran91, SL97, UP07, Woo94].  
**Algorithms** [Lew89, RBM96]. **Allen** [Man60d]. **Allendoerfer** [Man60d].  
**Allometric** [WBE99]. **along** [FPR92]. **alphabetic** [FM02a]. **Alternative**  
 [CGM96, Man96a, Man78b]. **alternatives** [Man95e]. **am** [PR84b]. **America**  
 [Ano03a]. **American** [LvF04a, LvF04b, ALW<sup>+</sup>88]. **among** [Est11]. **Amount**  
 [Man64d]. **AMS** [DK06]. **AMS-IMS-SIAM** [DK06]. **analog** [Wes94].  
**analogue** [SH92]. **analyse** [BBB<sup>+</sup>10]. **Analysis** [BB99, BBBH92, CL87,  
 Fis95, GT07, JSM06, LL97, Man59d, Man60e, Man60c, Man06c, MS78,  
 TMJ06, VBM98, VEJA89, ADdM<sup>+</sup>12, BM04c, BBB<sup>+</sup>10, CGC<sup>+</sup>09, CP98,  
 DR99, DSB96, DdMdO<sup>+</sup>99, EPV96, Hig11, JT96a, JTEA91, LKH97, Man67d,  
 Man72b, MT79, Man06b, MV02, NIS<sup>+</sup>03a, NIS<sup>+</sup>03b, OMK<sup>+</sup>05, RRB06,  
 Sig96, SCC<sup>+</sup>07, TMJ99, TKR<sup>+</sup>97, TdRGD09, VC86, Man61h]. **analytic**  
 [BB79, BBM79]. **analyze** [Cas96]. **Angeles** [Hou95]. **Angular** [MKA02].  
**Animated** [Dev92, Man01a, SSK93, ZPSJ90]. **Animation** [Bur02]. **animées**  
 [Man01a]. **Annals** [Man60e]. **annealing** [Sah93]. **anniversary**  
 [ALW<sup>+</sup>88, MS78]. **Annual** [IEE03, LvF04a, LvF04b]. **Anomalies**  
 [Man03d, Man86e, Man93c]. **anomalou** [Man90b]. **Anthony** [Man74e].  
**antialiased** [HD91]. **antipersistent** [CGM95, Man95b]. **Antipodal** [MS94].  
**Anwendung** [Man57a]. **Anwendungsbeispielen** [Kau92]. **anxiety**  
 [TKR<sup>+</sup>97]. **aortic** [PM94]. **Apollonian** [Bou06]. **Apostel** [CC58, Lee59].  
**Apparent** [Man63d, Man01d]. **appearance** [DK06]. **appeared** [Man61a].  
**Application** [BATL88, Man96b, ZWZL06, BB79, BM93, Izs06a, JM96b,  
 Kau92, Man57a, Man65d, Mas05b, Thi89, VM95, WGKS12]. **Applications**  
 [BBBH92, La 86, MV68, CHR54, DR99, Esp97, Fer95, GMA<sup>+</sup>98, Jaf98,  
 LvF04a, LvF04b, Suz91, Rai03]. **Applied** [GM61, Jak84]. **apprenticeship**  
 [Man02c]. **Approach** [Pic86, BK03, CL87, EB73, EPV95, FHD09, LKH97,  
 MH05c, MH09, Mar04, MC02, PH91, SW92, Vla94, VM95, YJ09]. **approche**  
 [MH05c, MH09]. **approx** [Man61f]. **Approximant**  
 [BR78, Bar73, BR74b, Bar76]. **approximants** [BR74a, Bar75, BB76, EB73].  
**Approximate** [You13, BR74b]. **approximation** [BA78, Man72a, Man75b].  
**approximations** [AK13]. **April** [Rai03]. **Arbeiten** [Man61a]. **Arbitraged**  
 [Man71c]. **architecture** [NFT<sup>+</sup>01, PM94, YJ09]. **area**

[AK13, ES92, Imr06, Man75j]. **Aref** [Ano93a, Ano93c]. **arguments** [RPÁM04, RPAM06]. **Arising** [Dev88, Man49, Man00]. **arithmetic** [PH90]. **Arithmetics** [Ano89a]. **Arrow** [Man61e]. **Art** [Man89c, RW89, Ent89, Kel00c, Man89a, Man93b, Man01a, Man02a, MM91, Rad96]. **arterial** [SCC<sup>+</sup>07]. **artery** [SCC<sup>+</sup>07]. **arthropod** [MLDW85]. **Arthur** [Lev05]. **Artificial** [Imr06, DKW94a]. **Artist** [Gin02]. **artistic** [Car99a, Loy91, Ye02]. **Arts** [Man81b, Man07]. **Ashgate** [Pic07]. **ASI** [Fis95]. **Aspects** [Man68, HWM87, Izs06b, LMP85, Man80, MP84, WSM88]. **Assessment** [NIS<sup>+</sup>03a, NIS<sup>+</sup>03b]. **Assisted** [Vrs86]. **Associated** [LVEB09, Vrs86, dACSS12]. **Association** [Ano03a]. **astronomy** [FF91]. **Asymptotics** [MDM02]. **atmospheric** [KK93]. **attractions** [Ber86]. **Attractors** [GOY87, Man77c, Man79b, PS88b, CM91, Ghi86, Man77a]. **August** [KK93, RW89]. **Ausstellung** [PR84b]. **Author** [Man60e]. **authorship** [Aus14]. **automata** [AvHP<sup>+</sup>97, CD93b, Sah93]. **Automatic** [Pic94]. **Automaticity** [AvHP<sup>+</sup>97]. **automaton** [SS91]. **Automorphisms** [Ate93]. **Autumn** [Loy91]. **aux** [DT89, Man56b, Man78b, Ste98]. **avalanche** [GDC<sup>+</sup>10]. **Averages** [GT07]. **Away** [Sel10]. **axial** [Man49].

**B** [AF90, Ano98a, Ano99, Ano03a, Ano03b, Ano05, Bak00, BF12b, Boy83, Bre79, Bur84, Cam96, Can84, Cha84, CC58, CB59, Dys78, Fer83, Goo78, Goo84a, Goo84b, Goo91, Hir89, How78, Ios79, Kac78, Kal03, Kil78, Kir79, Kir83, Kur90, Lan89, Man60d, Man61b, Man62a, Man74e, Man01d, Mir01, Pei10a, Pei10b, Sch05, Seu11, Seu12, Spa84, Sto79, Voj89, Whe83, Man60a]. **B.** [Bri85, KNBZ12, Man62a]. **backbone** [GAMK81]. **Bacteria** [Man74c]. **balancing** [JH97]. **Balaton** [JV98]. **bands** [MM08, PRÁM04]. **bandwidth** [Mdf05]. **Barcelona** [DLM99]. **Barnsley** [Goo91, Lan89, Lev05, Jon90a]. **base** [Gof91, Man62e, Man79a]. **Based** [HLTP01, BB79, CP98, Dav95, Dre01, EW96, GAH93, KPY96, LPZ08, Man57c, Man59c, Man62e, Man79a, PH91, Pum96, SL97, TQ10, TTMB96, WY96, WCH03, WW08, XX07]. **basée** [Man57c, Man59c]. **Basel** [Kur90, Voj89]. **Bases** [VBMS96, Gil86]. **Basic** [GFB<sup>+</sup>10, Man86c, Van10]. **Basin** [GOY87, CGH02]. **Batrachion** [Pic95]. **BBC** [Ano10a]. **be** [Man71c, Wal96]. **beat** [Ste88]. **Beating** [Fla91]. **Beautiful** [MPM02]. **Beauty** [Ano87, Dew87, Gar91, Har90, PR86, Fla98, LG10b]. **become** [ALW<sup>+</sup>88]. **becomes** [Man92a]. **behavior** [CS87, GK03, MH04a]. **behavioral** [Man57a]. **behaviors** [Zha09]. **Behaviour** [EJM91, MH08b, Gru05, MH05b]. **Behind** [Mag04, Man88b]. **benefit** [Zaa10]. **Benoît** [AF90, Ano05, Bak00, Bar08, Boy83, Bre79, Bur84, Cam96, Can84, Cha84, CHR54, Dev92, Dys78, FR98, Fer83, Goo78, Goo84a, Goo84b, Hir89, How78, Ios79, Kac78, Kal03, Kil78, Kir79, Kir83, LvF04a, LvF04b, Lee59, Lev05, Mir01, Sch05, LMNW05, Whe83, And11, Ano95, Ano10b, Ano10c, Ano10a, BF12a, BF12b, Baw11, Bou11, Cam00, Con10, Dav84, DrKP10, Est11, Far11, Gil04, Gom10, Gru05, Gui87, Jaf11, Kah74, KP76, Kir11, Kur90, LG10a, Man06a, Man12, Pei10a, Pei10b, Per10, SBvB<sup>+</sup>12, Sel10, Seu11, Seu12, Shl05,

Sim61b, Taq13, Tay11, Ten10, Val11, Voj89, Wei05]. **Benoit**  
 [Ano98a, Ano99, Ano03a, Hof10]. **benzodiazepine** [TKR<sup>+</sup>97]. **Berlin**  
 [Ano98a]. **Berry** [Man57b, SH92]. **Better** [Adl12, BS88, KRP<sup>+</sup>91]. **Between**  
 [Man03c, BBB<sup>+</sup>10, BL93, CZ98, EG94, Man67a, Man84b, MH05a, MH08a,  
 Or176]. **Beyond** [Mon01, Man04a, Sch05]. **Biaccessible** [Zak06]. **Bibl**  
 [CB59]. **Bibliometric** [Fai69, Fai05]. **Bicentenary** [MS78]. **Bifurcation**  
 [Pic87, Pro97]. **Bifurcations** [Bur02]. **Bilder** [M<sup>+</sup>85, PR84a, PR84b].  
**binary** [Pro97, Sen90, YM94]. **binding** [TKR<sup>+</sup>97]. **binomial** [MJ97].  
**biological** [GDC<sup>+</sup>10, Man56b, MS78]. **biologiques** [Man56b]. **Biology**  
 [SG00, Wil97]. **biomorphs** [OdlCA02]. **Biophysical** [PR84b].  
**Biophysikalische** [PR84b]. **bird** [HRO02]. **Birkhäuser** [Kur90, Voj89].  
**Birth** [Man74c]. **Birth-and-Mutation** [Man74c]. **Birthday**  
 [Wei05, AF90, Shl05, LMNW05]. **bisection** [Ran91]. **bit** [Slo94].  
**Bivariational** [BB76, BR76, BR77, RB79]. **black** [FHD09]. **block**  
 [GAH93, KM11, KPY96, Liu95a]. **block-coding** [GAH93]. **blood** [SCC<sup>+</sup>07].  
**Bochner** [Man60e]. **body** [HRO02, MLDW85, Suz91]. **Boltzmann**  
 [BC80, NCS04, Man61d]. **Bombay** [VBMS96]. **Book**  
 [Ano93a, Ano98a, Ano99, Ano03a, Ano03b, Bak00, Bri85, Dev92, Fri04,  
 GM61, Goo84a, Gru05, Ios79, Kir79, Kir83, Kur90, Liu06, Man60e, Man60a,  
 Man60b, Man60c, Man60d, Man61b, Man61e, Man61c, Man61d, Man61f,  
 Man61a, Man62a, Man63a, Pic07, Spa84, Sto79, Voj89, Whe83, Ano91]. **Bose**  
 [Mas05a]. **Boston** [RW89, Voj89]. **bottom** [EJM91]. **boucle** [Man78b].  
**Boundaries** [GOY87, ADdM<sup>+</sup>12, Bis95, CGH02, DdMdO<sup>+</sup>99]. **Boundary**  
 [BR76, BH89, Shi98, AST07, Man85b, Man85d]. **Boundary-Value** [BR76].  
**Bounded** [GKL03]. **Bounding** [BT81, Bou85, Bar73]. **Bounds**  
 [BR76, BR78, BR74b, BR75, BB76, Bar76, BR77, RB79]. **box**  
 [CP98, FHD09, FpDS99]. **box-counting** [CP98, FpDS99]. **Bradford**  
 [Fai69, Fai05]. **Braid** [dLKHS06]. **brain** [HKS<sup>+</sup>05, HTHE05, RPS<sup>+</sup>06].  
**Branched** [Dha05, Fle97]. **Branching** [HKE01, YMK94]. **breakdown**  
 [Lan97]. **breaking** [VJ06]. **Breaks** [MB94]. **Bremen** [AGP81]. **bridge**  
 [Man67a]. **Brief** [Mit03, Vos79]. **Britain** [Man67b, Man91c]. **Broken**  
 [Man72a]. **brown** [Gar78]. **Brownian**  
 [BB99, CGM95, CGM96, MV68, Man75b, Man82b, Man95b, Man96a, Taq13].  
**brownien** [Man75b]. **Buchbesprechung** [Ano05]. **Bud** [CZ98].  
**Bud-sequence** [CZ98]. **buffalo** [Fin89]. **Buffon** [MS78]. **building** [PR84b].  
**Bureau** [SMR84]. **Burrige** [Has07].

**C** [Dev92, Lev05, Man60d, Roo10, Esp97, Man04a]. **C/C** [Esp97]. **CA**  
 [ACM03, LvF04a, LvF04b]. **Cache** [VMH<sup>+</sup>83, Thi88, Thi89]. **cache-miss**  
 [Thi88]. **Calculations** [Pic86]. **Calculator** [For04]. **Called** [Ano87, Dew87].  
**Cambridge** [Fri04, IEE03, Man60a, Man60c]. **Can** [Ewi95, Man71c]. **cancer**  
 [TdRGD09]. **Canonical** [Man74e, Man59c, Man56d]. **canoniques** [Man59c].  
**Canopy** [MF99]. **Cantor** [DM90, Man82c, YJ09]. **capabilities** [Esp97].  
**Capacity** [Man61a]. **Captures** [BATL88]. **Card** [Sch90]. **cardiovascular**

[NIS<sup>+</sup>03a, NIS<sup>+</sup>03b]. **Carlo** [Pic86]. **Carpets** [BB99]. **carrier** [Man74d]. **cartoons** [Man05b]. **Carus** [Man60c]. **cas** [Man75b]. **Cascades** [LR00, BPW09, BJM10a, Man74d]. **Case** [CGMST95, Man75b, VHA05]. **Cat** [HKE01]. **Catalog** [RW89]. **catalyst** [MP84]. **catchments** [KFN00]. **categories** [Man56c]. **cauliflowers** [RPÁM04]. **cavities** [DdCVR03]. **Cayley** [PSvH84]. **CBF** [HTHE05, OMK<sup>+</sup>05]. **CBV** [EHH05]. **celebrates** [ALW<sup>+</sup>88]. **céleste** [Man75e]. **celestial** [Man75e]. **Cell** [Ald07]. **cellar** [Cia88a]. **cells** [TdRGD09]. **cellular** [AvHP<sup>+</sup>97, Sah93]. **Center** [CR83, BA78]. **Central** [Per96]. **century** [Cha90, Man02b]. **Ceramic** [Sch89]. **Cerebral** [HLTP01, TKR<sup>+</sup>97, SCC<sup>+</sup>07]. **Certain** [Man63e, Man63f, Man72c, BM99, Gar88a, Man62e, Man64b, Man85e]. **certaines** [KP76]. **certain** [Man62e]. **Chadwick** [Man60a]. **chain** [LO96]. **Chains** [Man60b]. **Challenge** [Man03c]. **Chance** [Bre79, Dys78, Goo78, Ios79, Kac78, Kil78, Man70c, MA79, Sto79, Kir79, Man64b, Man73a, Man75d, Man77b, Man84e, Man89d, Man98c, Man09a, Man10c, Man75c]. **Chandler** [MM70]. **Change** [How78]. **changements** [Man66d]. **changes** [JV98, Man66d]. **Chaos** [Ano93a, Ano93c, Are93, BGR94, BJM<sup>+</sup>88, CFPS86, Gin02, GOY87, Hir89, Jon90a, M<sup>+</sup>85, Mir90, OdlCA02, PR84a, PJS92a, PJS92b, PJS92d, PJS93, PJS04a, PJS04b, Pic87, Sch05, Swe91, Ano91, CR83, Dev90, EG94, Fla98, Gul12, LK98, Man84g, Man86a, Man04a, PH90, SBvB<sup>+</sup>12, Ste98, TE92, Abb95, Nat91]. **Chaotic** [BD86, Dev88, Mac08, PRÁM04, BF95, GM88]. **Chapters** [BGL67, LBG63]. **character** [MPP84]. **Characterization** [Vos86, Vos88, LSL86, NDS85]. **characterizations** [BB79]. **Characterizing** [Dys78]. **charge** [FBVdlN99]. **Charles** [Pic07]. **CHD** [Hig11]. **Chelsea** [Man62a]. **chemical** [DL87]. **Chemie** [PR84b]. **Chemistry** [PR84b, KFN00, Ano93b]. **chiffrées** [Man67c]. **choice** [Ye02]. **Christos** [Win05]. **Ciarcia** [Cia88a]. **Cie** [Man61f]. **circle** [Car99b, FC00, Man72d]. **circuit** [Cia88a]. **Circuits** [BM63]. **citations** [Van90]. **clamped** [Ska99]. **Clark** [Man73d]. **Clarke** [Lev05]. **Class** [BR78, Sim55, BC80, CGM95, HJ94, Man59d, Man61h, Man65d, Man89b, Man95b, Sim60]. **classe** [Man65d]. **classical** [Bau96]. **classification** [MRM<sup>+</sup>05]. **classify** [Cas96]. **Classifying** [MPM02]. **Classroom** [Abb95, FL91, Nat91, PJS92d, PJS92e, PJS91, PJS99]. **clay** [VOL<sup>+</sup>86]. **clef** [Man75c]. **climatologique** [Man65d]. **Clinical** [HLTP01, Mai90]. **cloistered** [Bai97]. **closeness** [AK10]. **cloud** [DLS93]. **Clouds** [MSLG00, Man10b, SSK93]. **clus** [Man65c]. **cluster** [FBVdlN99, GTL11, UH96, Vor02]. **cluster-cluster** [Vor02]. **Clustering** [BM63, DM73, Ham95]. **Clusters** [HASM96, AAM<sup>+</sup>03, GM84b, Man77d, Man83a, Man84d, MG84, ME90, MS94, YMK94]. **Co** [Bri85, Kir79, Kir83, Aus14, Van90]. **co-authorship** [Aus14]. **co-citations** [Van90]. **Coast** [Man67b, Man91c]. **coastlines** [Kap86, Man75j]. **Codebook** [Ham95, Kom95, HS93, Sig96]. **Codes** [Sta96]. **Coding** [Ano89a, GAH93, Hür93, HS93, Hür95, KM11, LKH97, Liu95a, Man55a, RBM96, Slo94, TTMB96, WY96, WW08, ZZZ<sup>+</sup>96]. **coefficients** [CD93a].

**cognitive** [OMK<sup>+</sup>05]. **coherent** [Mac08, Man84a]. **collaborative** [Bou09b].  
**collage** [DHKT95]. **Collapse** [TSS85]. **Collection** [GM61]. **College**  
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[Abb95, Dev92, Gar91, Har90, Kir79, Kir83, Man60e, Nat91, Sto79, Man02d].  
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[BB99, EM92, Man60e, EJM91, EMW92a, EMW92b, ME91, Man92b].  
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[BK03, CMP07, FMS96, Liu06, WGKS12, ZT96, Gro92, TG09]. **Modelling** [MC02, Bar88b, Bar93a, Man90b]. **Models** [DKW94b, GM64, Man66a, Man71c, Man82a, MC63, Mit03, Cha11, DLS93, Dav96, Izs06a, KPY96, Man61i, Man66d, Man75j, MV89, Man05b, Sah93]. **modes** [KMNW99]. **modified** [WW08]. **Modifying** [CGH02]. **modular** [CCC00]. **Molecular** [AFP84, NWM<sup>+</sup>06, NFT<sup>+</sup>01]. **molecules** [Man85a]. **moment** [BBM79, Man86a]. **Moments** [dACSS12, BM04c, Man74d]. **money** [Jon94]. **monitor** [FP89]. **Monograph** [Man60c]. **Monotonic** [Man60e]. **monsters** [Man82c]. **monstres** [Man82c]. **Monte** [Pic86]. **Morf** [CC58, Lee59]. **morphing** [Mar04]. **morphisms** [Dek12]. **Morphologie** [PR84b]. **morphology** [CGC<sup>+</sup>09, PR84b]. **Morphosis** [Eng93]. **mortality** [Hig11]. **most** [Dew85a]. **Motion** [BB99, MM70, Taq13, CGM95, CGM96, Man76a, Man95b, Man96a]. **Motions** [MV68, Man82b, MJ97, PC06]. **Motivate** [DAB99]. **mountain** [BM93]. **Mountains** [Man10b]. **Mouton** [Man61f]. **mouvement** [Man76a]. **Moving** [SO93, Gon98]. **moyenne** [Man74a, Man74b]. **MRI** [HLTP01]. **multi** [Bou09a, Egg99, KM11, Man75b]. **multi-purpose** [KM11]. **multi-temporal** [Man75b]. **multi-wavelets** [Bou09a]. **multi-word** [Egg99]. **multichannel** [VM95]. **Multifractal** [BK02, BM99, BM02, Fra07, GT07, Jaf97a, Jaf97b, LL97, Liu06, Man89e, Man95c, Man99a, Man03d, MDM02, Pey91, RM95, BK03, BCM03, BM04b, BM04c, BM04a, DLS93, GM88, Jaf98, Man88a, Man89b, MEH90, Man93c, MJ97, Man03a, Man03b, MdF05, MV02, RM98, TPVG06]. **Multifractality** [ME91, VHA05, Man90c, Man99d, dSVTM99]. **Multifractals** [BM04a, FMS96, Man86b, Man91d, Man97a, MR97, Man99b, CM99, Man90b, Man90a, Man95a, RM97, STI99, Man01c, Ano99, Bak00]. **Multimedia** [BSV02]. **Multinomial** [Man95c, Izs06a, Man89b, RM95]. **Multiperiodic** [BCM03, Man03b]. **multiple** [RPAM06, RAA<sup>+</sup>08]. **multiple-spiral** [RPAM06, RAA<sup>+</sup>08]. **Multiplications** [Man74a, Man74b]. **Multiplicative** [LR00, Man61k, BM04b, BM04c, BM04a, BM09, BJM10a, Man86a, Man90b, XRZ09]. **multiplicité** [KM65]. **Multiplicity** [Man74e, KM65]. **Multiplying** [CM99]. **multipoint** [Bar73, EB73]. **Multiresolution** [JTEA91]. **Multiscale** [RRB06]. **Multivariate** [AB85]. **Mumbai** [VBMS96]. **Munich** [BDLS96]. **Museum** [RW89]. **Music** [MPM02, MVW<sup>+</sup>03, VC75, VC78, Cam87, Gar78, MRM<sup>+</sup>05, Sch87]. **Mutants** [Man74c]. **Mutation** [Man74c]. **Mycoparasite** [ME72]. **Mystery** [Mag04, Met94].

**N** [Man70a, Man99b]. **N.Kolmogoroff** [Man61a]. **nano** [CGC<sup>+</sup>09]. **nano-agglomerates** [CGC<sup>+</sup>09]. **Nanoassembly** [NWM<sup>+</sup>06]. **Nanoscale** [EKKR06]. **National** [SMR84]. **NATO** [BBBH92, Fis95]. **Natur** [Kur90, Man91b, Voj89]. **Natura** [MM89]. **Natural** [Man81b, Man07, Cha11, CM99, DdCVR03, GH04, KH92, Man54b, Man56c, Man62d, Man78c]. **naturaleza** [Man97c, FR98]. **Nature** [ABLM98, Man83b, Man91b, Man97c,

Man98b, MPB<sup>+</sup>98, Ste10, VMH<sup>+</sup>83, Vos88, DSS90, Fla98, KRP<sup>+</sup>91, MSW08,  
 Man76a, Man82e, Man82c, Nov04, WY92, Bri85, Boy83, Bur84, Cam96,  
 Can84, Cha84, Fer83, Goo84a, Goo84b, Spa84, Whe83, Kir83]. **Nauk**  
 [Man61a]. **Nawrotzki** [Man61a]. **Ndynamics** [ADdM<sup>+</sup>12]. **Near**  
 [Man63d, KK90]. **near-optimal** [KK90]. **Necklaces** [Man78b]. **need**  
 [Man05a]. **Negative**  
 [Man90a, Man91d, Man95a, Man03d, Man70a, Man89b, Man90c, MF09].  
**neighborhoods** [Man93a, SAM93]. **Neonatal** [VBM98]. **Net** [Ano98b].  
**Networks** [Orb86, LSL86, NYO94, RPS<sup>+</sup>06]. **Neuron** [GM64].  
**neurophysiologic** [HWEH05]. **Never** [Sel10]. **newer** [Man64b]. **News**  
 [Ano10a]. **Newton** [Fri04, Bis95, Car99a, Car99b, Sch11, Smi91, YHHS93].  
**NGC5506** [MC87]. **Nigel** [Lev05]. **Nirenberg** [Yue10]. **No**  
 [Kir79, Kir83, Man60e, Man60c, Man73d, Man01d, WW08]. **no-search**  
 [WW08]. **Noah** [MW68]. **Noise**  
 [Lew89, VC75, Ano99, Man55a, Man67a, Man71a, Man72a, Man76c, Man99b,  
 Man02d, VC78, Vos79, XRZ09, vW91, Bak00]. **Noises**  
 [MV68, Man67a, MW69b]. **Noisy** [GPS92, EHH05]. **nombres** [Man56b].  
**Non** [BM04c, Man71b, Van09, BR77, Fle97, FSD89, Gin02, Gui87, KKL95,  
 Man60g, Man62e, MC02]. **non-additive** [Man60g]. **Non-degeneracy**  
 [BM04c]. **non-distributive** [Gin02]. **non-equilibrium** [Fle97]. **non-fractal**  
 [FSD89]. **non-Gaussian** [Man62e]. **non-iterative** [KKL95]. **Non-linear**  
 [Van09, BR77, MC02]. **Non-Normal** [Man71b]. **noncommutative** [Lap08].  
**noncyclic** [MW69c]. **nonfractal** [CS87]. **noninteger** [GMMMA83].  
**Nonlinear** [GOY87, TE92, AGP81, BB79, CR83, NFT<sup>+</sup>01]. **nonperiodic**  
 [Man72b]. **Nonsmooth** [Man96b, DT91, JM96b]. **Nontransient** [MKA02].  
**Noor** [ARC14]. **Normal** [Man71b, RPS<sup>+</sup>06]. **Normalized**  
 [Man75g, Man75f, Man75h, Man85b]. **Norway** [Fis95]. **nos** [CHR54].  
**Nostrand** [Man60b]. **notable** [Wol16]. **Note**  
 [FP89, Hoo91, Man76c, Gué01, Man57b, Man59d, Man61h, Man61j, Sim61b].  
**notes** [Sim60, Val11]. **Notion** [Man89g, Man52c, Man85b, Man90c].  
**nouveau** [Man79a]. **Nouveaux** [Man66d]. **nouvelles** [Man73a, Ste98].  
**Novel** [KKL95]. **November** [And11, SMR84]. **NP** [STI99].  
**NP-completeness** [STI99]. **nuclear** [BT81]. **nucleation** [Fle97]. **nucleus**  
 [MM10]. **Number**  
 [GM61, Gof91, Man60c, Man74c, DM92, Man56b, Man75j]. **number-area**  
 [Man75j]. **numbers** [Sen90]. **numeration** [DT89, DT89]. **Numerical**  
 [ADdM<sup>+</sup>12, DdMdO<sup>+</sup>99, TPVG06, AK13, CMP07, Dro10, NYO94, AGP81].

**O** [Abb95, Dev92, Nat91]. **Obituary**  
 [And11, Seu12, Ano10c, LG10a, Seu11, Tay11]. **object** [Dew85a]. **Objects**  
 [DHN85, Kaj83a, Kaj83b, BF95, DT91, Jak84, Man75d, Man77d, Man78d,  
 Man84e, Man89d, Man98c, Man10c]. **objets**  
 [Man75d, Man78d, Man84e, Man89d, Man98c, Man10c]. **observation**  
 [dLKHS04]. **Observed** [KLPS06]. **observers** [EW96]. **obstacle** [SH92].

**obtained** [Imr06]. **occurring** [Man54b]. **October** [AF90, And11, BDLS96, BCM92, Fri04, IEE95, IEE03]. **off** [EMW92a, EMW92b]. **off-off-lattice** [EMW92a, EMW92b]. **Offer** [Adl12]. **Old** [Man74c, Wal96, Man02d]. **Olkin** [Man61b]. **One** [Abb95, Nat91, PJS92d, AvHP<sup>+</sup>97]. **one-dimensional** [AvHP<sup>+</sup>97]. **open** [Man86a, Sta96, VCM<sup>+</sup>11]. **operational** [MW68]. **operator** [PC06, Ska99]. **operator-stable** [PC06]. **ophthalmology** [KNBZ12]. **Opinion** [Hir89]. **Opinions** [Man93d, Man93e]. **optical** [NFT<sup>+</sup>01]. **optics** [KMNW99]. **Optimal** [MH94, KK90]. **Orbit** [Ano93a, Ano93c, Are93, Dev91, Swe91, ARC14, Car99a, Dev90, Ye02]. **orchestra** [VM98]. **Order** [Pic87, Vrs86, CR83, MSW08, NFT<sup>+</sup>01, SL97, CR83]. **ordered** [SL97]. **Ordering** [All90, YM94]. **Organic** [WT10]. **Organisms** [WBE99]. **organization** [BP84, FP10]. **organizing** [Ham95]. **orientation** [CGC<sup>+</sup>09]. **orientation-specific** [CGC<sup>+</sup>09]. **origami** [Van10]. **original** [Man60e, Man61a]. **originating** [Man04b]. **Orlando** [GMA<sup>+</sup>98]. **orthogonal** [Bou09a]. **Oscillation** [Jaf98]. **oscillatory** [Fle97]. **osculate** [Man82d]. **osculated** [Man83e]. **Other** [Man64d, Man67g, Man03d, Bur81, CM91, DM90, KH92, Man78c, Man84h, YMK94]. **Otto** [Goo91, Lan89]. **Outils** [Lef82]. **outline** [Man56c]. **overview** [DMT03].

**P** [Man61a, Man63a]. **package** [ADdM<sup>+</sup>12, CGC<sup>+</sup>09]. **Padé** [BB76, Bar73, BR74a, BR74b, Bar75, Bar76, EB73]. **Padé-approximant** [BR74b]. **Padé-type** [BR74a]. **pages** [Ano98a, Ano99, Ano03a, Ano03b, Kir79, Kir83]. **paintings** [JSM06, TMJ99, TMJ06]. **Panorama** [FM02a]. **Paper** [Man79b, Man59d, Man70a]. **paperback** [Fri04]. **Paperfolding** [Dek12]. **papers** [Man12]. **Parabolic** [Bur02, BB79, Man93c]. **Parallel** [BDLS96, BL93, JM96a, KVMW95, Man05b, SC88, UH96, DLM99, DMT03, Pic94, VM95]. **Parallelism** [GDH96]. **parameter** [Eng93, GJV17, TW11]. **Parameterization** [GF95]. **Parameters** [SVVRGA09, Izs06a, RVA00]. **Parametric** [OdlCA02]. **Parametrized** [CK93]. **Paretian** [DrKP10, Fam63, Man61k, Man62b, Man63d, Man64d]. **Pareto** [Aus14, Man59e, Man59f, Man60f, Man62d, Mas05a, Or176]. **Paris** [MS78]. **Parsimonious** [BK02]. **Part** [Abb95, LvF04a, LvF04b, Nat91, PJS92d, PJS92e, BM04a, BM04a, Jaf97a, Jaf97b]. **Partial** [GMAK84, WY96, CT91]. **Partial-dimensional** [GMAK84]. **partially** [DV93]. **particle** [FBVdlN99]. **Particles** [SO93]. **passing** [DLM99]. **Path** [MF99, Suz91]. **Patrick** [Man61e]. **Pattern** [HKE01]. **Patterns** [Dev88, Miy90, VEJA89, DL87, Fle97, GH04, HTHE05, Nov04, SS91, Van09]. **Paul** [Man62e, Man95f]. **pays** [Ano10e]. **Peano** [Man82c, Man85f, MJ97]. **Peitgen** [Abb95, Dev92, Goo91, Lan89, Nat91]. **Pelling** [Pic07]. **75** [Man75f]. **C** [Esp97]. **IP** [VHA05]. **MPI** [DLM99]. **spectral** [Man84b]. **wavelet** [CK96]. **Pennock** [Lev05]. **people** [AA08, Man88b, Wol16]. **perceived**



[BM97]. **Perceptual** [Ska99]. **Perceptually** [LV96]. **Percolation** [AGMK81, HASM96, CCD88, CCGS91, DM90, GAMK81, GMAK84, GM84b, Man83a, MG84, MS94, Sah93]. **perdre** [MH05c, MH09]. **Performance** [JT96a, WM94]. **performing** [CGC<sup>+</sup>09]. **perimeter** [Imr06]. **Period** [GF95]. **periodic** [CGH02, CM99, WC06]. **periodontal** [Lan97]. **permanent** [Man60g]. **permanents** [Man60g]. **personal** [Bou11, Wol16]. **perspectives** [Wol16]. **perturbed** [AK10, yWjCnG07, XRZ09]. **Pervades** [SG00]. **Peter** [Man73d]. **pg** [Seu12]. **Phase** [CCGS91, GAM83, GASM84, GAM84, PR85, SH92]. **Phenomena** [Man64d, AGMK81, GMA80, KH92, Man78c, Nov04, Sah93, San85]. **Phenomenological** [Man64c, Man56d]. **phenomenon** [NDS85]. **Philosophical** [Mur93]. **phrases** [Egg99]. **Phys** [EMW92a]. **Physical** [Man61d, Man77d, MG84, SO93, NYO94, SMR84, Man51b]. **Physics** [Ano93b, Bau96, Man02c, AF90, Ano99, BT81, Bau05, FF91, Man78a, Man84d, Man99b, Man01e, Man04b, PT86, Smi91, Suz91, ABC<sup>+</sup>94]. **Physique** [Man61d]. **physiques** [Man51b]. **Piaget** [CB59]. **Pial** [HKE01]. **Pics** [Ano98b]. **Pictures** [PR84b, PR84a]. **Piecewise** [BH89]. **PIFS** [LLP96]. **pioneer** [Ano10b]. **pipelined** [JM96a]. **Pixel** [All90]. **Placement** [Pic86]. **Planar** [PB89, Man84g]. **Planck** [PR84b]. **Plane** [Man92a, Car96, Ent89]. **plane-filling** [Dek12]. **planes** [CZ98, GJV17]. **Plants** [Smi84]. **Pleasant** [MVW<sup>+</sup>03]. **plenary** [CMR06]. **Plotting** [Bur02, Sch86]. **pluri** [Man75b]. **pluri-temporelles** [Man75b]. **Point** [BR76, ADR01, Vla94, YHHS93]. **pointlike** [DT91]. **Points** [For04, Zak06, FR92, Man99c]. **Pointwise** [RB79]. **Poisson** [Man75b, Vla94]. **poissonienne** [Man75b]. **Pole** [MM70]. **Pollard** [Man60e]. **Pollock** [JSM06, TMJ99, TMJ06]. **Pólya** [JM96b, Man96b, MJ97]. **polygons** [Van09]. **Polymer** [NWM<sup>+</sup>06]. **Polymers** [Sch89, Dha05]. **Polypyrrole** [EKKR06]. **pondérée** [Man74a, Man74b]. **pools** [Sau96b]. **popularity** [Aus14]. **Population** [Man74c]. **porous** [PC06]. **positive** [Man60g]. **Possible** [Hou95, Man72e, Esp97, GAMK81]. **Post** [Man61j, VBM98, Sim61a]. **Post-Conceptional** [VBM98]. **potential** [BA78, Man49, ME90]. **potential-energy** [BA78]. **potentials** [Man91a]. **Potts** [AAM<sup>+</sup>03]. **pour** [Man56a]. **powders** [MP84]. **Power** [MSW08, Man03d, Mit03, Pic94, LG10b, Man01d, Man09c, SL97, Win05]. **Power-law** [MSW08, Man09c]. **powers** [DM92, Fra98]. **Pp** [Fri04, Pic07, BCM92, Man60e, Man60b, Man60d, Man61f, Man61a, Whe83]. **pp.** [Man60c, Man63a]. **Practical** [Gib93, Man03c, PH91, FP89, Izs06b]. **Practice** [Pic07, DDH10]. **praxis** [MM08]. **pré** [Man55b]. **pré-correction** [Man55b]. **preasymptotics** [Man95a]. **Prechter** [Lev05]. **precorrection** [Man55b]. **Prediction** [Fai69, Fai05, Thi89, TE92]. **predicts** [HRO02]. **Preface** [Man98a]. **Preis** [Bri85, Kur90]. **presented** [CMR06]. **President** [Ano10e]. **Press** [Man60e, Man02c, Man60a]. **pressure** [SCC<sup>+</sup>07]. **Preterm** [Hel92]. **Price** [Kir79, Kir83, MT67, Man71c, Whe83, Man61a, Man66d, Man73c, Man03a].

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[GM64, Man61k, Man64d, Man68, Man71c, Man91d, MH94, Vos86, WGKS12, Wu95, BM04b, BM04c, BM04a, Bra94, DM90, KM65, Man59c, Man64e, Man67d, Man72f, Man74a, Man74b, Man78b, Man93a, Per96, SAM93, TE92, Vla94, YM94, BM04b, BM04c, Man74a, Man74b, Man75b, Man74e].

**Randomness** [PJS04b, MT10]. **Range** [Man75g, MSW08, Man64e, MW69c, Man75f, Man75h, RVA00]. **ranges** [HRO02]. **Raphson** [Bis95]. **rapports** [Man73c]. **raster** [ADR01]. **rat** [Fin89, HKS<sup>+</sup>05, HTHE05, HWEH05]. **Rate** [VBM98, WM94, NIS<sup>+</sup>03a, NIS<sup>+</sup>03b, Slo94]. **Rate-distortion** [WM94]. **rates** [Man70b]. **ratio** [Pro97, Thi88, Thi89]. **Rational** [BR78, Vrs86, Fat17b, Fat17a, Jul18]. **rationale** [Man85f]. **rationnelles** [Fat17b, Fat17a, Jul18]. **Rauzy** [Sir97]. **Ray** [Bou85, HSK89, Kaj83a, Kaj83b, MC87, Ohn90]. **Ray-Fractal** [Bou85]. **rays** [RAA<sup>+</sup>08]. **Reaction** [Kop88]. **Reactions** [LL97]. **reactivity** [NIS<sup>+</sup>03a, NIS<sup>+</sup>03b]. **Reading** [JeJP58]. **Real** [RHD<sup>+</sup>06, RVA00, Bar73, Bar88b, Bar93a, CB97, Eng93, Hir94, Man59b, Mar10, Oli91]. **Real-Time** [RHD<sup>+</sup>06, RVA00, CB97, Mar10]. **Realistic** [BB90, Mar10, Maj98]. **réalité** [Man73b]. **reality** [Man73b]. **realizations** [NYO94]. **reasons** [ALW<sup>+</sup>88, MF02]. **receptor** [TKR<sup>+</sup>97]. **recipe** [Gon98, Loy91]. **recognition** [TQ10]. **Recognizing** [MPM02]. **recomposition** [JM96a]. **records** [ARMG03, MW69a]. **Recreations** [Dew85a, Dew85b, Dew87, Dew89, Ste00b]. **rectifiable** [UP07]. **Recurrence** [MB94, Man84b, NIS<sup>+</sup>03a, NIS<sup>+</sup>03b]. **recurrent** [CK93, Man55a]. **Recursive** [Ran91, MV89, OdlCA02]. **Reducing** [Sig96]. **reduction** [Kom95]. **Réelles** [Man59b]. **Reemerge** [Tau98]. **refinement** [Man72e, Mas06, ZWZL06]. **Reform** [Pic07]. **Region** [Hou95, BM93]. **Regression** [Man71b]. **regular** [AS92, Van09]. **Regularity** [Man96b, DL92, JM96b]. **regulation** [FP10]. **Related** [Man06c, CD93b, GM88, KVŽŽ08, Man61i, Man85c, Man06b, Nov04, Yue10]. **relatifs** [DT89]. **Relation** [EG94, GAMK81, GM83, dLKHS04, dLKHS06]. **relationship** [Imr06, Man73c]. **relationships** [HRO02]. **relative** [DT89, Man56b]. **Relativity** [Had88]. **relaxation** [LPZ08, VM95]. **Relevance** [MS78]. **relief** [Man75j]. **Remarques** [Gui87]. **rend** [Ano10e]. **Render** [Hug98]. **Rendering** [Man82a, Mil86, MKM89, SC88, Car96, Car99a, HD91, Mar10]. **renderings** [Gin02]. **Rendite** [MH05a, MH08a]. **René** [Man61d]. **Renewal** [Man72f]. **Renormalization** [Man99c, Vla94]. **renormalized** [CMP07]. **repartition** [Man59f, Man59e, Man59f]. **Repellers** [PS88b]. **Reply** [Sim61a, Sim61b, TMJ06]. **representation** [AO97]. **Representations** [Par89, Jon90b, Roj91]. **Reproducing** [Lin94]. **requests** [BK03]. **rescaled** [MW69c]. **Research** [DK06, Egg99, SL11, WC06]. **reshaping** [CGH02]. **resistance** [Fro97]. **resonators** [KMNW99]. **resources** [Man62d]. **Responses** [ABC<sup>+</sup>94]. **restoring** [WCH03]. **Resulting** [Man91d]. **Results** [Jaf97a, CK96]. **retinal** [Mai90]. **Retrospective** [Pei10b]. **returns** [GMV09]. **Rev** [EMW92a]. **revealed** [JV98]. **revenus** [Man59e, Man59f]. **Review**

[Abb95, Ano93a, Ano98a, Ano99, Ano03a, Ano03b, Are93, Bak00, Boy83, Bre79, Bri85, Bur84, Cam96, Can84, Cha84, CHR54, CC58, CB59, Dev92, Dys78, FR98, Fer83, Fri04, Gar91, GM61, Goo78, Goo84a, Goo84b, Goo91, Gru05, Hal96, Har90, How78, Ios79, Kac78, Kal03, Kil78, Kir79, Kir83, Kur90, Lan89, Lar90, Lee59, Lev05, Mag04, Man60e, Man60a, Man60b, Man60c, Man60d, Man61b, Man61e, Man61c, Man61d, Man61f, Man61a, Man62a, Man63a, Man74e, Mir01, Mud02, Nat91, Pic07, Sch05, Spa84, Sto79, Swe91, Voj89, Whe83, Vos79]. **Reviews** [Liu06]. **revisited** [Man09c].

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**u.a.** [PR84b]. **U.S** [Kir79, SMR84]. **UK** [Rai03]. **Ulam** [GM61]. **Ultrafractal** [Sin07]. **Ultraviolet** [WT10]. **Unavoidable** [Man89g]. **Unbiased** [Man66a]. **unconventional** [Jon90b]. **understanding** [KRP<sup>+</sup>91]. **unicité** [Man59c]. **unicity** [Man84d]. **Uniform** [BJM10b, MJ97]. **unique** [Man65b, Man84c]. **unit** [Per96]. **units** [BP84]. **Universal** [SCNT03]. **Universality** [NM09]. **Universe** [Cla10b, Lin94, Mar99, Man75a, Man75e, Man79a, Mad87]. **University** [Fri04, Har90, Man60e, Man60a]. **unknowable** [DDH10]. **unknown** [DDH10, Man61a]. **unknowns** [CT91]. **unsmooth** [Far11]. **Unstable** [MB94, KMNW99]. **Upon** [Man89f]. **upscaling** [PC06]. **urban** [MML01]. **USA** [ACM03, CR83, IEE95]. **Use** [Lef82, FP89, GMMA83]. **used** [dLKHS06]. **Useful** [Man81b, Man07, Sch11]. **useless** [Sch11]. **User** [DLM99, CGC<sup>+</sup>09]. **user-interactive** [CGC<sup>+</sup>09]. **Users** [MC63]. **uses** [FM02a]. **Using** [BHI11, Cas96, FMS96, VBM98, ADR01, Bou09a, GMV09, Imr06, JM96a, KM11, Lan97, Liu95a, MC02, NCS04, OMK<sup>+</sup>05, Par89, Pum96, SSK93, UH96, Vor02, Woo94, ZT96, ZY94]. **Uspekhi** [Man61a]. **Utah** [DK06]. **utilized** [WC06].

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