

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

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22 May 2024
Version 1.61

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]. **\$30.00** [Tay13]. **\$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]. th [Wei05]. C [CZ98]. \mathcal{M} [Man83c, Man83d]. ϵ
[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]. λ [Man80]. \ll [CB59]. M
[Car99a, CZ98, Man85a, Man85b, Man85d, Old01]. μ [Man83c, Man83d]. n
[Cha11]. n^2 [Man85a]. q [MML01]. $Q_\alpha(\mathbf{R}^n)$ [Yue10]. R [Man85b]. R/S

[MW69c, Man72b, MT79, Man02d]. ρ [TW11]. σ [Ate93]. Z
 [CZ98, Man80, Man83c, Man83d]. $z \longleftarrow zw + c$ ($w = a + ib$) [CZ98].
 $z \rightarrow z^{-n} + c$ [Shi93]. $z \rightarrow \lambda(z + 1/z)$ [Man84h]. $z \rightarrow \lambda z(1 - z)$
 [Man80, Man85c]. $z \rightarrow z^2 - \mu$ [Man83c, Man83d].

-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].

7 [Tay13]. **75** [Bri85].

'89 [RW89].

'92 [KK93]. **'96** [BDLS96]. **978** [Tay13]. **978-0-307-37735-7** [Tay13].

= [M⁺85].

A. [Man55b, Man61a]. **Abb** [Sto79, Voj89]. **Able** [Man10b]. **aboard**
 [Ano89b, Dew89]. **Abstract** [Kel00a, Kel00b]. **abstracts**
 [GMA⁺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]. **aditifs**
 [Man60g, Man62e]. **Additional** [Man84a]. **Additive**

[yWjCnG07, Man60g, Man62e, XRZ09]. **addresses** [KLPS06].
Administration [PR84b]. **Advanced** [BBBH92]. **Advances**
 [FpDS99, DLM99]. **advancing** [DDH10]. **Adventurers** [Gar88b]. **Aeolian**
 [Pic94]. **aesthetic** [SCNT03]. **aesthetics** [MRM⁺05]. **Affine**
 [CD93b, LVEB09, NR95, BV11, Bou09a, Bra94, DV93, DHKT95, Man85g,
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agglomeration [MML01]. **aggregates** [BRRK94, EMW92a, EMW92b,
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 [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,
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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⁺88]. **among** [Est11]. **Amount**
 [Man64d]. **AMS** [DK06]. **AMS-IMS-SIAM** [DK06]. **analog** [Wes94].
analogue [SH92]. **analyse** [BBB⁺10]. **Analysis** [BB99, BP17, BBBH92,
 CL87, Fis95, GT07, JSM06, LL97, Man59d, Man60e, Man60c, Man06c, MS78,
 TMJ06, VBM98, VEJA89, ADdM⁺12, BM04c, BBB⁺10, CGC⁺09, CP98,
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 Sig96, SCC⁺07, TMJ99, TKR⁺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⁺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⁺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⁺98, Jaf98,
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 [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, KGN⁺24, Man72a, Man75b]. **approximations** [AK13]. **April** [Rai03]. **Arbeiten** [Man61a]. **Arbitraged** [Man71c]. **architecture** [NFT⁺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⁺07]. **artery** [SCC⁺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⁺03a, NIS⁺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⁺97, CD93b, Sah93]. **Automatic** [Pic94]. **Automaticity** [AvHP⁺97]. **automaton** [SS91]. **Automorphisms** [Ate93]. **Autumn** [Loy91]. **aux** [DT89, Man56b, Man78b, Ste98]. **avalanche** [GDC⁺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, Tay13, 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⁺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⁺88]. **becomes** [Man92a]. **behavior** [CS87, GK03, MH04a]. **behavioral** [Man57a]. **behaviors** [Zha09]. **Behaviour** [EJM91, MH08b, Gru05, KGN⁺24, MH05b]. **Behind** [Mag04, Man88b]. **Beneath** [Pop22]. **benefit** [Zaa10]. **Benoît** [AF90, Ano98a, Ano99, Ano03a, Ano05, Bak00, 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, Tay13, LMNW05, Whe83, And11, Ano95, Ano10b, Ano10c, Ano10a, Bar85, Bar08, 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⁺12, Sel10, Seu11, Seu12, Shl05, Sim61b, Taq13, Tay11, Ten10, Val11, Voj89, Wei05].

Benoit [Hof10]. **benzodiazepine** [TKR⁺97]. **Berlin** [Ano98a]. **Berry** [Man57b, SH92]. **Better** [Adl12, BS88, KRP⁺91]. **Between** [Man03c, BBB⁺10, BL93, CZ98, EG94, Man67a, Man84c, MH05a, MH08a, Or176]. **Beyond** [Mon01, Man04a, Sch05]. **Biaccessible** [Zak06]. **Bibl** [CB59]. **Bibliometric** [Fai69, Fai05]. **Bicentenary** [MS78]. **Bifurcation** [Pic87, Pro97]. **Bifurcations** [Bur02]. **Bilder** [M⁺85, PR84a, PR84b]. **binary** [Pro97, Sen90, YM94]. **binding** [TKR⁺97]. **binomial** [MJ97]. **biological** [GDC⁺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⁺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, Tay13, Voj89, Whe83, Ano91]. **Books** [Tay13]. **Bose** [Mas05a]. **Boston** [RW89, Voj89]. **bottom** [EJM91]. **boucle** [Man78b]. **Boundaries** [GOY87, ADdM⁺12, Bis95, CGH02, DdMdO⁺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⁺05, HTHE05, RPS⁺06]. **Branched** [Dha05, Fle97]. **Branching** [HKE01, YMK94]. **breakdown** [Lan97]. **breaking** [VJ06]. **Breaks** [MB94]. **Bremen** [AGP81]. **bridge** [Man67a]. **Brief** [Mit03, Vos79, WLWL22]. **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⁺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⁺03a, NIS⁺03b]. **career** [Tem96]. **Carlo** [Pic86]. **Carpets** [BB99]. **carrier** [Man74d]. **cartoons** [Man05b]. **Carus** [Man60c]. **cas** [Man75b]. **Cascades** [LR00, BPW09, BJM10a, Man74d]. **Case** [CGMST95, Man75b, Tem96, VHA05]. **Cat** [HKE01]. **Catalog** [RW89]. **catalyst** [MP84]. **catchments** [KFN00]. **categories** [Man56c]. **cauliflowers** [RPÁM04]. **cavities** [DdCVR03]. **Cayley** [PSvH84]. **CBF** [HTHE05, OMK⁺05]. **CBV** [EHH05]. **celebrates** [ALW⁺88]. **céleste** [Man75e]. **celestial** [Man75e]. **Cell** [Ald07]. **cellar** [Cia88a]. **cells** [TdRGD09]. **cellular** [AvHP⁺97, Sah93]. **Center** [CR83, BA78]. **Central** [Per96]. **century** [Cha90, Man02b]. **Ceramic** [Sch89]. **Cerebral** [HLTP01, TKR⁺97, SCC⁺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, Man70c, MA79, Sto79, Kir79, Man64b, Man73a, Man75d, Man77b, Man84f, Man89d, Man98c, Man09a, Man10c, Man75c]. **Chandler** [MM70]. **Change** [How78]. **changements** [Man66d]. **changes** [JV98, Man66d]. **Chaos** [Ano93a, Ano93c, Are93, BGR94, BJM⁺88, CFPS86, Gin02, GOY87, Hir89, Jon90a, M⁺85, Mir90, OdlCA02, PR84a, PJS92a, PJS92b, PJS92d, PJS93, PJS04a, PJS04b, Pic87, Pop22, Sch05, Swe91, Ano91, CR83, Dev90, EG94, Fla98, Gul12, LK98, Man84h, Man86a, Man04a, PH90, SBvB⁺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⁺05]. **classify** [Cas96]. **Classifying** [MPM02]. **Classroom** [Abb95, FL91, Nat91, PJS91, PJS92d, PJS92e, PJS99]. **clay** [VOL⁺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⁺03, GM84b, Man77d,

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 [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,
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 [Man02c]. **Colliers** [Man78b]. **Colloids** [Rar89]. **Colonies** [Ric94]. **color**
 [CCC00]. **Colours** [Cla10a, LG10c, Lev05, LG10b]. **Combination** [Van10].
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Comments [Man73d]. **Communication** [CHR54, Man53a, Man54b, Wu99].
communications [Man52a, Man54a, Man54c, Man65c]. **compact** [Man92a].
Company [Sto79]. **comparative** [TPVG06]. **Comparison** [EW96, FSR94].
Competitions [SL11]. **complete** [Bra94]. **completeness** [STI99]. **Complex**
 [Abb95, Adl12, DK06, Nat91, PJS92e, Sch11, BB76, BJM10a, BJM10b,
 BSV92, Car96, CD93b, Dew85a, DM92, Eng93, Ent89, Fla98, Gil86, Gof91,
 Man80, Man83c, Man83d, Man85c, M⁺85, PR84b, DK06]. **Complexity**
 [Gar91, Har90, Man06c, SG00, Man06b]. **Components** [GF95, Man85e].
comportement [CHR54]. **composing** [XRZ09]. **Comprehensible** [SO93].
Compress [BS88]. **Compression** [Fis92, MFCM96, BE95a, BE95b, CK96,
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 KKL95, Kom95, KPY96, LV96, LLP96, PH91, SR96, Sau96a, SH96, Sau96b,
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