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Title word cross-reference

3 [Ano14z, Ano15y]. 4 [FDE+17]. N [MHM19].

-Gram [MHM19].

/Should [HR11].


40 [Gre17a]. 40th [Ano17b, Ano18c]. 41st [Ano18d].

5 [FSM14].

9 [Bla18a].

LXC15, Lou10, Lou16, RPP19, Ano19f. 
**Apply** [TD12]. **Applying** [LMMO18]. 
**Appreciating** [BHN+10]. **Approach** 
[BW14, CFF+13, CH13c, Dig11, FSB+12, 
GKD+15, HJP16, KSW10, LNH+11, 
MZLD12, SCB15, TEvdHP12, WLD19]. 
**Approaches** [KDM+19]. **Approximating** 
[CM12]. **Apps** 
[AFT+15, MHJ17, MSAH17, MAN+14, 
RNA+14, RNA+16a, SHG13, ZCLL19]. 
**Archaeology** [UG18]. **Architect** 
[Ano16-42, Bas18, Boo11a, Boo12d, Bus11c, 
Bus12b, CH14a, EP16, HOZZ16, Kee15a, 
Kle16, Kri17, Poo16, Ric11, Spi16b, TKF16, 
WG16, Woo14b, WF18]. **Architecting** 
[MGMS11, Poo14, RL16, Woo15b]. 
**Architects** 
[AMK16, BSD16, Cle10, Cor13, EP17b, 
Fab10, FCN16, Ris12a, Woo17, Wri11]. 
**Architectural** 
[AACF13, BW17, Boo10a, Fai14, KHYT18, 
LMD+15, Lat12, Roz15, SM10a, Woo14a, 
Woo16a, Woo16b, ZCTZ13, Zim11, Zim15]. 
**Architecturally** [CBN13, CH13c, CH13d]. 
**Architecture** [ABK10, ASB+12, ASH13, 
BHJ16, BGK15, BWC10, Boo10c, Boo10b, 
Boo10c, Boo10f, Boo11b, BMSF15, Bus10c, 
BH10a, BH10b, Bus11a, Bus11b, BAA+12, 
BH13, CM10, CNZC17, CVEK13, 
CHHSM13, Cra14, CMC+12, DSM+18, 
FCS+10, GKI15a, HA11, Joh15, Kee15a, 
Kee15b, KSW10, Ker17, KDGV13, LAH10, 
LDO+14, Mad10, MH14, NOS12, PvdHM15, 
PTV+10, PCRPE19, Pra17, SR16, SHG14, 
Shu13a, Spi15a, TVS10, TMB17, Vol10, 
Wat18a, Wat18b, WL12, Woo15a, Woo15b, 
Woo16c, vHEA+14, Sun19]. 
**Architecture-Conformance** [PTV+10]. 
**Architecture-Driven** [CM10]. 
**Architectures** 
[BvD10, CCC+19, LR12, SA19, Spi18d, 
Stu18, TM18, WE16, WCG16]. **Areas** 
[GF17]. **Arguing** [GHH+12]. **Art** 
[MIC19,Spi17f]. **Articles** [Ano19o, ZK14]. 
**Artifacts** [ZZJJ15]. **Artificial** [BDH+19]. 
**Aspects** [Boo14b, Haz10]. **Assembly** 
[SV16]. **Assertive** [Hol15a]. **Assessing** 
[APPV19, CSS13]. **Assessment** 
[FN14, HBS19, ILM11, ZF13]. **Assets** 
[Zim11]. **Assignment** [dSAPW+14]. 
**Assisted** [dSAPW+14, GVSP+17]. 
**Assurance** [CPP16, RLBR12]. **Assuring** 
[Shu11a, Shu12c]. **Asymmetry** [Hol19a]. 
**Asynchronous** [Dig15]. **ATAM** [BGK15]. 
**Athletic** [HJP16]. **Attacks** [BFKZ15]. 
**Attribute** [KHYT18]. **Attributes** [HL11]. 
**Authors** [RBE19, ZPHW16]. 
**Autobiography** [Boo15d]. **Automated** 
[AFT+15, AIT15, BH17, CS18, GF16, 
GTS+19, LCY14, MH19, SAO+17, 
ZML+12]. **Automatic** [YLK+17]. 
**Automation** 
[GE17, MHJ17, Ozk19a, Pec13, PRPE13]. 
**Automotive** [AS17, dSAPW+14, EF17, 
FLC17, HOBK17, LWCP17, LDBF19, 
Mos10, PST+17, SSE12, TMB17, Tsa11]. 
**Autonomic** [SEK+19]. **Autonomous** 
[EW19]. **Availability** [Ron16]. **Aviation** 
[GTS+19]. **Award** 
[Ano16c, Ano16p, Ano16r, Ano16q, Ano16b, 
Ano17i, Ano18f, Ano19c, Ano15b, Ano17f, 
Ano17x, Ano18a, Ano18b, Ano19c]. **Awards** 
[Ano16d, Ano17h, Ano18-37, Ano18-38]. 
**Aware** [Ano17m, BW17, CPB+17, FKL19, 
MCHK17, MTT+15, SWB+17, WLD19]. 
**Awareness** [CYM+15, LCE13]. **Away** 
[Bro19]. 
**Babbage** [Ano18a, Ano18b]. **Back** 
[SDSP17, Vol11]. **Backouts** [SCB15]. **Bad** 
[BZd18, TL18, vGH19]. **Badges** [NMM19]. 
**Balancing** [LTS12]. **Balls** [Hol18b]. **Bank** 
[Ltv19]. **Banking** [BDD+18, CPP10]. 
**Barriers** [ZSMP17]. **Barry** [EM18, Tho15a]. 
**Baseball** [Val17]. **Based** 
[AGK+19, ABB+15b, AFT+15, Ano16-41, 
ADH14, ABC+11, BBD+11, BKB12, 
BHS+14, BDD+14, BO17, BW14, DHB15,
DS13, DPCL14, FSB+12, FFGM13, GD11, GVS+17, HA11, Ho10k, KCT12, KZ15, KCD12, LX17, LN+11, MFS15, MH17, NS17, PL19, PvdHM15, PS14, RRL+17, Sch12, T1l15, TEvdHP12, ZJIJ15. Baton [Shu14c]. Bayesian [FN14]. Be [Ano16t, Ano16u, Ano16s, Ano18t, Ano19u, BWD+17, Erd10a, HR19b, HR11, BS15, PPM17].


Business [ABC+11, BKB12, Bro19, CB10, EJ12, FP11, HBS17b, LRP11, LKR16, MCH15, MZLD12, ORM+17, OT11, Pop11, Ric11, Ris12a, RBE19, RSH12, SR16, Spi16d].

Bütow [Sal18]. Buzz [PB16]. Bytecode [SEK+19].

C [HR19a, YLK+17]. Cabin [BHH13]. Calculating [CM10]. Call [Ano14b, Ano14-34, Ano15e, Ano15c, Ano15d, Ano15-32, Ano16d, Ano16n, Ano16p, Ano16r, Ano19q, Ano19c, Ano19o]. Calls [Ano14i].

Cambrian [Ker18a]. Can [ABK10, Ano17, APPV19, Erd10a, HBB+11, Ric11, WLD19, vGMR14].

Candidates [CSS13]. Can’t [Ris12c].


Caring [LLV16]. Case [AtHR11, BCLP15, BB+17, BSD16].
BMSF15, ESZ15, Kee15a, LX17, McG11, NHM19, NCK11, OT11, RVB13, RSH12, SJS12, WKS+14, ZF13, Caseload [Lob11].
Cases [Ano16-32, CdAC+16].
Categorization [SS17], Causal [KCT12].
Cause [MTM+19], Cause-and-Effect [MTM+19].
Center [Ano16t, Ano16u, Ano18s, Ano18u, BWN16, Ano18t].
Central [BBP+16].
Centric [EP16, SM10a, WHR10, Zim15, vHEA+14, GMB+14].
Century [MGS18b, Ano14-32, MPD14, PRRT14].
Certiﬁcation [Kru10].
Certified [Cle10].
CG&A [Ano14i].
Chaiken [Fav12].
Challenges [Che15, CCWP11, CC19, GSA+17, JPM+18, LvdH16, MGS+18a, MG17, MHLCL16, RSI18, SA19, SCL18, SSS15a, Shu11b, Spi18b, SWA17, TM17].
Change [EEBB11, Gre19, ILM11, Shu13e, WHR10].
Change-Centric [WHR10].
Changes [Spi17b].
Checking [BMSF15, KCK+13, PTV+10].
Checks [Gim14].
Cherishing [Mai12a].
Chilean [ORM+17], Chinese [TYXL16].
Choice [VB16, ZHG14].
Choose [Ano16w, Ano17y].
Choosing [Eng10, Spi11b].
Choreographies [AIT15].
Chrome [RR15].
Chu [Hen19].
CiSE [Ano17k].
City [CPB+17].
Clarity [BJ11, Hol16b].
Class [PCP14].
Classiﬁcation [BCLP15, MHM19].
Classify [FC19].
Clear [BJ11].
Clearing [JN10].
Click [BBC+19].
Client [KR10, TM18].
Clients [Rie11].
Climate [BJ11, CR11, CMC+12, EEBB11, HR11, ILM11, RDMA11, Shu11a].
Climate-Modeling [CMC+12].
Clock [Shu14a].
Clone [MOMM11].
Cloud [Ano14j, Ano14k, Ano14-30, Ano14-31, Ano16n, BHHJ16, Cra14, DSM+18, EP16, HCF+15, Lou10, LXB+15, MKD14, MOK+18, OT11, RMM+12, SGH15, Spi14b, TS12, Tii15, ZXT+15, ASB+12, GKKL12, RKT12, ZML+12].
Cloud-Based [Tii15].
Cloud-Centric [EP16].
Cloud-Native [BHJ16].
Cloudberry [TS12].
Clusters [RK13].
CMMI [FSM14, MESSMDC14].
CMU [MGS18b].
Code [APPV19, BH17, BBdh+11, BJ11, Bel19, Boo14f, BE11a, Bro19, BB12, CCH+15, CCCM17, EM15, Fai19a, Fai19b, FFZ+18, GKF19, Hol14, Hol15a, Hol15b, Hol15f, Hol15e, Hol16b, Hol17a, Hol18a, Hol19b, Hol19c, Joh17, MGS+18a, Mor10, Rie11, Spi10a, Spi12a, Woo17].
CodeBender [CT11].
CODEMINE [CNSM13].
Coderetreats [PMSL14].
Coexist [ABK10].
Coexistence [FCS+10].
Cold [Boll16c].
Collaborate [Ozk19c].
Collaboration [CE19, CP18, DvGvS14, LEPV10, PMCE12, RI12, SPA11, WAA+12].
Collaborations [CCH+15].
Collaborative [BBM18, DBRV18, DDP15, DD12, JWCR18, MBv18, PBE14, PSGd18, SPA11].
Collaborative-Design [BBM18].
Collective [GMB+14].
Columns [VGH19].
Combination [Ano17k].
Combining [LK10].
Come [DFFP18].
Comet [BBP+16, Bal18].
Coming [Ker18b].
Commits [CCMT16].
Common [Gre18a, Gre18b, RO15].
Common-Enough [Gre18b].
Communicating [SR16].
Communication [BMS+14, LA19, WSE14].
Communications [NH15].
Communications-Critical [NH15].
Communities [BBS13a, GBICMR13, TLvV13].
Community [CMC+12, MIC19, PL19, SB16, TKF16, ZWGY12].
Community-Based [PL19].
Companies [EBS16].
Companies
[GBICMR13, ORM+17, RVB13, RBE19].


Compositional [Bos10]. Compound [vGH12]. Comprehensive [RO15, ZKB+16]. COMPASAC [Ano18g, Ano19r].

Computational [Boo16a, Hv19]. Computer [Ano14l, Ano16e, Ano16t, Ano16u, Ano16v, Ano16x, Ano16y, Ano16z, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s, Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano18y, Ano18z, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n].

Computer-Managed [GP13]. Computing [ASB+12, Ano14k, Ano18-37, Ano18-38, Ano19g, BBM+15, Boo15b, EAG+14, FTP11, Gla12, LAAN10, LRB+15, LN+11, MOK+18, POS12, Ano14j, Ano16n, Ano16y, Ano18c, Ano19d, Ano19e, Ano19m, Ano19n].

Concentration [KE10]. Concept [Che14]. Concern [Ozk19b]. Concerns [Che14, GHV10, LAH10]. Conclusions [VD15]. Conference [Ano17b, Ano17z, Ano18c, Ano18d].


Depth [MCBT13]. Description [Woo14a].
Deserve [Ano16v]. Design [BvdHOP12, BBM18, BBB+19, Boo11c, Bud13, Bus10b, CVEK13, DD12, Fai19a, HvG12, JWCR18, Kee18, LLC12, MBLN10, Mai10a, MT19, NYMS12, Ozk19b, PZA+17a, RSS18, RI12, Sha12, SSS15b, TvV12, VAC+17, WKV14, WGC+13, Woo16a, ZCTZ13, Zim11].
Designer [Fai19d]. Designing [Gue14, PTNF+19, RLBR12, Shu12b, Wat18a].
Desktop [GS11, KV11, PSK11, ZCLL19]. Desktops [LNH+11].
Detection [RCLR18, WMM18]. Determine [MOMM11]. Determining [Scr18].
detisiveR [Ano11a]. Deus [Boo13a].
Developer [BHG13, CMY17, FCS+10, MCD19, NHM19, Ozk19f, SSSW16, Spi15a, Spi16a, Spi16c, Spi18a]. Developers [ASR17, GWA14, Joh15, LA19, MAGT19].
Developing [CKH16, GF16, GP13, HBB+11, OT11, RTV12, Sec12, SHR+14b].
Development [ASP13, Ano16-32, ADH14, AKN+16, BHN14, BZd18, BBB+19, BBS13b, BA10, BSW19, BNW10, CMM16, CAC+16, CMP17, CH17, CR11, CCWP11, CNSM13, DFP19, DFD+16, DD10, EAO12, EBS16, ES16, FFGM13, FRM15, FSRdA11, GE11, GMP14, GUP+14, GFPK10, Gue14, HR11, HSG18, HHLJ10, ILM11, IGBK19, Jor13, Jor14, Jor19, Jun18, KT18, Kna19, KLM11, Kri17, KDM+19, MCD19, MIF10, MRS10, MS12, M19, N0512, N17, Ob13, OSBA14, PL19, PTFN+19, PBE14, PC12, PAS10, PPMID17, Riel11, RCP+12, SMT+10, Shu11b, SV16, Som16, Spi13b, SAT14, Spi17c, SF15, TLvV13, TXY16, VSB+16, VB16, WKS+14, WHR10, XYCW18, ZP11, ZF13, dSmSc16, Sad14]. Developments [Car17b]. Devices [Dig15, RMM+12, TS12].
DevOps [BHJ16, Bas18, CS16, Dör18, EGHS16, Ker18a, Ozk19a, SC18, Spi16a, TJC+19, ZBCS16]. DevSecOps [Car17a].
Diagnose [Tou11]. Diagnosing [LXC15].

Digest [PLC19]. Digital [Ano14n, Ano16-42, ED18, FSRdA11, HOZZ16, LL16].
Dimensions [KTH11]. Disbanding [Shu12c]. Discovery [And16, Rou12].
Disseminating [LCA17]. Distance [BH19, JWCR18]. Distinguished [Ano15b, Ano16b]. Distributed [ASB+12, Bav12, Blu19, BSD16, CE19, CMY17, HSEG10, JWCR18, LDO+14, PM10, PAS10, REV10, RH13, Sal19, VS+16].
Divorced [BH13]. Do [ASR17, CS16, CH14b, GUP+14, Jor14, KT18, KSNH15, PHAH16, She15, SMT+10, Sma18, Spi14c, VB16, MLD+13]. DO-178C [MLD+13]. Docker [And15]. Document [MMH19]. Documentation [Joh10, Kee15a, Spi10a, UR15]. Does [ASP13, Hol19d, JWCR18, Ozh19d].
Domain [BDD+18, CH15b, Fre10, RSS18]. Domain-Driven [RSS18]. Domain-Specific [Fre10]. Dominant [Boo11c]. Dominating [Hol19a]. Donation [NRM19]. Don’t [CH14a, Jor14, SR16, SCC11, Sma18, Spi12b].
Doody [Bla17]. Doran [Jun18]. Doubt [Hol17e]. Draw [Boo11d]. Drawing [VD15]. Drive [FCN16]. Driven [Ano16-32, Ano18g, BWC10, BBN+17, CM10, CFF+13, CCD+17, CH13c, DDIP15, DI12, EHS15, EBS16, Gue14, K1T8, LDO+14, MNJR16, MBLN10, RSS18, SMT+10, WHR14, ZP11].
Drivers [Spi11a]. Driving [HV16, Poo14].

E-Voting [KV18]. Early [BCMN13, DD12, HvG12, KCK+13, MM19].
Early-Stage [DD12]. Earned [BS15, Erd10f, HBS17b].
EARS [Mav12, MW19]. Ease [SJ13]. Easy [CS16].
Eccles [Mai11c]. Eckert [Ano17f, Ano19c].
Eclipse [BMSF15, KR10, NHM19].
Economic [CR14]. Economy [dMHSC16].

Ecosystem
[BCN16, LDBF19, LKR16, SA19].
Ecosystems [AVF19, Bos16, BSS+17, FWS19, GAM+17, HKB16, JCP19, KHD19, MTM+19, VMVS19]. Ed [Shu11b].

Eords [RVB13]. Effort [FC19, Jor13, Jor14, Sym12].

Effective [PS14, PAS10, TBvRB12].

Infrastructure
[APPV19, Men18, SMAU16, TVV12].

Efficiency [LX15]. Efficient [FMMP16, MM18b].
Effort [FC19, Jor13, Jor14, Sym12].

Elders
[EllytS, AN019a, AN019b]. Element [Shu13d]. Elephant [Boo10d, Hv19].

Embedded [AMK16, ADH14, BO17, ED19, GFKY18, HHLJ10, LIL+13, LDO+14, LCYL14, LE13].

Embedded-Software [AMK16].

Embodiment [BHN14]. Embracing [Bri12].

Endgame
[Kru15]. Empower [PL19].

Engineer [DMG14, Gre17b].

Engineering
[ABB+15a, ABB+18, AN014-32, AN015n, AN016-43, AN017b, AN017z, ABH+11, BBB+18, BBDR+16, BCD+17, BMM+15, BLu19, Boo18, Bos16, Bri12, BBN+17, Bro18, BW14, Cap14, CFF+13, Car17b, CSC+18, CP18, CS18, CS19, CDD+17, DFFP18, DHH+19, DDIP15, DIP12, EKP16, Ebe18, Erd10b, Erd10e, EM18, EMP18, FWK+15, Fer18, FP13, GBM16, GCH13, Gre18a, Gre19, GO15, GSA+17, GKKL12, HOBK17, Haz10, HSF+16, HJP16, HV16, JEJ12, KAC+18, Kim19, KUG18, KUG19, LvdH16, LEPV10, LCE13, LMP16, LMMO18, LBWX17, LCF17, LK10, LRB+15, MNJR16, MG17, MM18a, MG18b, dOMFP16, MRS10, MSSMDC14, MHF17, MBv18, NBF+18, NS19, NS17, Off13, Ozk19c, PDV+18, RZZ10, RSH12, Sal18, Sca17, Sda13, SSE12, Shu13a, SCC+16, SW11b, SW11c, SWC15, Spi15f, Spi17b, Spi17d, Spi18b, SLB17, SPB16, TD19].

Engineers
[VD10, VK11, VGD19, WHR14, WMM18, YFMH18, Zam17, ZBOC12, dGNA+11,
And15, Ano18c, Ano18d]. **Engineers** [ABB^15a, BCB^+17, Bia17, DZB18].
**Enhance** [Als13]. **Enhanced** [NCK11].
**Enhancing** [LSCKl2, Pei12]. Enough [BS15, Gre18a, Gre18b, Poo16]. **Enterprise** [Boo10e, ED19, FFZ^+18, Glo10, GP13, Ker18c, Lou16, PCRPE19, ZPHW16].
**Enterprises** [Tho15a]. **Entities** [LMMO18]. **Entrepreneur** [Ano16e]. Environment [BCB^+17, Spi13b, dMHSC16].
**Environmental** [ZML^+12]. **Environments** [GLA14, WZX^+16, ZXT^+15]. Equivalent [FC19]. Era [MT19, SMN19, TM17].
**Ericsson** [BSD16, PL19]. Errors [Ham18]. Escalations [WLD19]. Establishing [TBvRB12]. **Estimating** [CSS12, NCK11].
**Estimation** [BE11b, ES14, Jor13, Jor14]. **Ethical** [Boo14b, GM10]. Ethics [Ozk19b].
**European** [KDM^+19]. **Evaluating** [Ano17p, HSEG10, PSO12, dOdA16].
**Evaluation** [KZW15, OCFLI14, RO15]. Evasion [Hoi15b]. **Everyone** [VGD19].
**Everywhere** [Shu14b, Spi10d]. Evidence [BHS^+14, BO17, DZB18, DS12, Dyb13, Erd10c, KCT12, KCD12, NS17, PM18, RKW15, SDSP17, SMP15, SW11b, SCW15].
**Evidence-Based** [BHS^+14, BO17, KCT12, NS17]. Evolution [Ave11, CPS18, CS18, DIP12, EFO14, HSG18, MGFRD10, MIC19, ZK10, Zim15, dOdA16].
**Executions** [MOK^+18]. **Exemplar** [MGS18b]. **Exercising** [AVF19].
**Experience** [Boo12c, Bro19, BDD^+18, GRDL^+12, GTS^+19, MLD^+13, PT18]. Experiment [KLM11, Obr17].
**Experimentation** [SCL18]. **Expertise** [LL16, RL16]. **Experts** [Ano14-33, Ano15-30, Ano15-36, Ano16-50, SPB16, Ano17-52]. Exploiting [HEE16].
**Exploratory** [AGIF17]. Exploring [CH13c, IML16, NBS^+16, RKTS12, Sym12]. Explosion [Ker18a]. Exposing [SM10a].
**Expressiveness** [Fai19c]. Extending [CNZC17, HAE11, HM13, Spi15b].
**Extensible** [EFO14]. Extension [LLC12].
**Fault** [HBB^+11, Hol14]. **Fault-Prediction** [HBB^+11]. **Favorite** [Ano16-35]. Feature [RSH12]. Feature-Oriented [RSH12].
**Fingertips** [Shu12b]. Finite [Shu11c]. Fire [CH14a]. Firm [MS14]. First [CCSW10, Spi14c]. Fit [Ano16w, Ano16-33, Ano16-34, Ano17y, Ano17-38, Ano17-35, Ano17-36, Ano17-37, Ano16c, Ano17e, Ano17d, Ano17-34]. Five [ACHC11, BMSF15, BH10a, BH10b, Ker18b, Roz15]. Fixing [Jun18]. Flexible [ABC^+11, Kee15b]. Flight [Ave11, Jep13].
**Flow** [NOS12]. Flows [Ker18d, SEM14].
Kanban [SJS12]. Katie [Sal17]. Keep [Ano15q, Ano15r]. Keeping [CHDK+16].
Minecraft [Boo13b]. Mining
[APPV19, CH15b, Hol19b, Ker18c, LAAN10, Men13, vGMRW14]. Minute [Whi12].
Miracle [Boo15f]. Missing [Kna19].
Mission [CCD13, Mission-Critical
[CCD17]. Mistakes [Jep13, SMP15].
Mitigation [BMMSS18]. MLOC [TS11].
MobiGUITAR [AFT+15]. Mobile
[AFT+15, Ano14-30, Ano14-31, BMS+14, 
Bou10, BCN16, CM19, CPB+17, Dig15,
EAG+14, GFT15, GE11, GAM+17,
GMB+14, KSNH15, LXC15, MHJ17,
MAN+14, RMM+12, RNA+14, RNA+16b,
Sad14, Sec12, SJ15, SHG13, Shu12b, TS12,
VMvG12, ZCILL19]. Mobile-App
[BCN16, RNA+16b]. Mobile-centric
[GMB+14]. Mobility [Shu14f]. Model
[AGK+19, AFT+15, CFF+13, CCD+17,
CR11, DDIP15, DIP12, FSB+12, FFGM13,
GCH13, GMB+14, HR11, KCK+13,
LDO+14, MHF17, RSS18, Rei11, SJG13,
Sch12, Shu11a, Til16b, WHR14, ZP11].
Model-Based [AGK+19, AFT+15, FSB+12,
FFGM13, MHF17, Sch12]. Model-Driven
[CFF+13, CCD+17, DDIP15, DIP12,
LDO+14, RSS18, WHR14, ZP11]. Modelica
[HAEl11]. Modeling
[Ano16-32, BDD+14, Che14, CMC+12,
DBRV18, ILM11, MCHK17, MBv18,
PSGd18, Vol11, ZML+12]. Models
[CSC+18, HBB+11, HR11, KSTS17, LvdH16,
LMG16, LRP11, OT11, Pop11, RDMA11,
TAJB17, vWHZ+10]. Modern [Til15].
Modernization [CM10, KH18, Sdd+18].
Modular [Stu18, VWK15]. Modules
[Bla18a, KE10]. Money [SJ15]. Monitor
[GVSP+17, Tou11]. Monitoring
[HGS15, Mai13a, VRG16, ZK10].
Monolithic [BDD+18]. Montezuma
[Shu11b]. Mood [BSW19]. Moods
Motivations [LvdH16]. Moving
[Ano15q, Ano15r, Lou10]. MRI [HvdL10].
MSDN [BBS13b]. Much [SMS+14]. Multi
[Ano15-36, Ano16-50, Gun10, Ano17-52].
Multi-Core
[Ano15-36, Ano16-50, Ano17-52].
Multi-DSL [Gun10]. Multiagent [WG10].
Multidimensional [Ano17p]. Multimedia
[Bon10]. Multinational [AHMS18].
Multiparadigm [Gho10, WC10, WCFG10].
Multiplatform [ZKB+16]. Multiplayer
[DK11]. Multiple [HHLJ10, SRI14].
Multitenancy [FFZ+18]. Multiterabyte
[KB12]. Multithreaded
[BbdH+11, FTP11]. Multitier [ABB+15b].
Must [BWD+17, BS15, HR19b]. Mutation
[Als13, RPFA+14, UM10]. My
[Boo15d, Kri17, WGC+13]. myCS
[Ano17-33, Ano18-29, Ano18-30, Ano18-31,
Ano18-32, Ano18-33]. Myth
[Bud13, LR12, Nic19]. Mythical [ADSS18].
Myths [HO15].
Nails [Bus10b]. Naivete [GV11]. Naming
[FWK+15, Her17]. NaPiRE [Fer18]. Nate
[Bha18]. Native [BHJ16]. Natural
[DFFP18, FDE+17]. Nature [GO15].
Nearby [NBS+16]. Need [BHGG13]. Needle
[KB12]. Needs [Fer18]. Negative [LA19].
Negotiating [FGBS10]. Negotiation
[Bla17]. Neo [Rut16]. Neo-Luddite
[Rut16]. Network [MOK+18]. Networked
[HHLJ10]. Networking [BBS13a, BBS13b,
Pgg+18, Shu13d, Ano19-34]. Networks
[BMS+14, ESZ15, FN14, Li14, PvdHM15,
PSGd18]. Neutral [RMM+12]. Newcomers
[STG19, ZSMP17]. Next [BMS+14, DFP19,
EHS15, EAG+14, GCH13, HRR+13, MW11,
MZ18, Ozk19a, PST+17, Ris12a, UG18].
Next-Generation
[BMS+14, EAG+14, Ris12a]. Nice
[Ano13e, Ris12c]. Niche [ORM+17].
Nicolai [Bla18a]. Nightingale [Kim19].
Nimble [RBE19]. NLP [FC19]. No
[Boo16d, Bus12a, Mar12, RvGH17, Spi14c].

**Node.DPWS** [FMMP16]. **Nominations** [Ano16d, Ano16p, Ano16r, Ano16q, Ano17h, Ano17i, Ano18f, Ano18-37, Ano18-38, Ano19c]. **Nominees** [Ano16d, Ano17h].

**Non** [AACF13, CH14b]. **Non-functional** [AACF13]. **Nonfunctional** [HL11, PRRT14, SHR12]. **Nontechnical** [Car19]. **Norms** [TBvRB12]. **Notkin** [Ano13b]. **Nutshell** [SAO +17].

**Object** [GTS10, GS11, Hof10, RR12+, Via19].

**Object-Oriented** [GTS10, GS11, Hof10, RR12+]. **Object-Relational** [Via19].

**Objects** [SJ13].

**Observations** [CMC +12].

**Obstanovka** [NBS +16].

**Occurs** [Boo15f].

**Ocean** [HJ17].

**October** [Shu11f].

**Oce** [TS11].

**Os** [SM10a, Sym12].

**Oshoring** [SvS16].

**Often** [BCMN13, MM19].

**Oh** [LC11].

**On-Board** [Tsa11].

**On-Premise** [BKB12].

**Onboard** [BBP +16].

**Onboarding** [FGBM14, STG19]. **Once** [Boo16e].

**One** [Ano17-41, Ano17-40, Ano18-34, Ano18-35, BBC +19, Boo15c, Bus12a]. **One-Click** [BBC +19]. **Online** [BO17, DK11, Hol19a, ZXL +16]. **Only** [AMK16, Shu13e]. **Open** [AtHR11, ACHC11, CCSW10, Eng10, FGBM14, GD12, HR11, ILM11, LRP11, LK11R, MTM +19, MFS15, MOMM11, RCP +12, RSAT19, Sca19, SvGH15, Spi11b, STG19, SF15, WKS +14, dBLMT11].

**Open-Data** [LKR16]. **OpenStack** [IHSR19]. **Operating** [Tor15].

**Operational** [BNW10, MHLCL16, PLC19, Woo16b].

**Operational-Log** [MHLCL16]. **Opinion** [SAT14]. **Opinions** [DZB18].

**Opportunistic** [KLM11, MT19].

**Opportunities** [SA19, TD19]. **Optimica** [HAE11]. **optimizes** [Sun19].

**Options** [Ano16-33, Ano16-34, Ano17-38, Ano17-35, Ano17-36, Ano17-37, Ano17-34].

**Orchestration** [Spi14d]. **Order** [Boo15b].

**O’Reilly** [Tho15a].

**Organization** [AHMS18, FSM14, PL19, SCW +18]. **Organizational** [PDNdsB12, VB16].

**Organizations** [BO17, LOCPL16, Lat12, SMLF19, SF15].

**Orientation** [LK10, LMSS11]. **Oriented** [GTS10, GS11, Hof10, LR12, MBLN10, MGMS11, MH14, RRL +17, RSH12, SHG14, Zam17].

**Original** [HR19a].

**Orthogonal** [CT11].

**Other** [Bus10a].

**Our** [Boo15c].

**Overlords** [Boo15c].

**Overly** [LCH17].

**Oversight** [Roz15].

**Overview** [MG17, PTV +10].

**Ownership** [BH19, EM15].

**Oxymoron** [Boo10a].

**Oz** [Boo13c].

**Package** [Spi12d].

**Pages** [FS12].

**Pain** [FWK +15].

**Pair** [Ano10c, SMAU16, Wra10].

**Palm** [Ano15f, Ano17l, Ano18h].

**Panel** [MF13].

**Papers** [Ano14b, Ano14i, Ano14-34, Ano15e, Ano15d, Ano16n, Ano15c].

**Paradigm** [KC16, VGD19].

**Paradigms** [Bus10c, DD10, HHLJ10]. **Parallelisation** [GS11].

**Parallelism** [Dig11, PSK11].

**Parallelizing** [VM12].

**Parlog** [Bla18a].

**Part** [BH10a, BH10b, Bus10a, Bus11a, Bus11b, Bus11c, Bus11f, HBS17a, PZA +17a, PZA +17b, Wat18a, Wat18b, Bus10b].

**Participation** [CMY17].

**Participatory** [CPP16].

**Partners** [EJ12].

**Partnership** [KHD19].

**Partnerships** [CH15c]. **Passing** [Erd10d, Shu14e].

**Past** [Boo16f, Obr17].

**Pat** [Sal19].

**Patch** [SCB15].

**Path** [Dör18].

**Pattern** [HA11, HWBY13, TEvdHP12].

**Pattern-Based** [HA11, TEvdHP12].

**Patterns** [Bus13, LL12, MM19, PAS10, Ano17-36, Ano17-37, Ano17-34].
Ris10a, ZPHW16]. Pay [Bus11d]. PC
[Dim14]. PC-lint [Dim14]. Peaceful
[FCS+10]. Peaks [CHHSM13, MCH13]. Peer
[Gau13, RCP+12]. People
[CCWP11, EP13b, DMB14, Hod13]. Perceive
[HMPS16]. Perceptions
[BSW19, SNA16, SS18]. Perfect
[Ano17k]. Perfectionists
[Shu11c]. Performance
[Ano18-37, Ano18-38, DS13, DFD+16,
GWA14, HCR11, LXC15, MRF+13,
OCFL14, PSMQ12, RVT18, Syn10, TJC+19,
Sun19]. Performitits [Bus10a]. Perils
[Ebe18]. Persistence
[Boo14d]. Persisting
[Via19]. Persona
[CH13c]. Personae
[CH14b]. Personality
[MAGT19]. Personalized
[BFKZ15]. Perspective
[Ano17p, CC+19, EKP16, Kna19,
KDM+19, KCD12, MSSMDC14, RSS18,
SSS15a, Spi15a, TVS10]. Perspectives
[BSM13a, BB10, BKCF14, EM15, FCS+10,
PLC16, PLC18, SWA17]. Pervasive
[Ano16-40]. Peter [Her17]. Philae
[BB8+16]. Philip [Bal18]. Phillips
[And16]. Phone [TS12]. Phones [Bou10].
physical [BMSS18, RCLR18]. Pick [BE11a].
Pick-Up [BE11a]. Picture [Bou11d].
Piloting [BCN16]. Pipeline [GLY11].
Pipelines [WZX+16]. Pitfalls [GLA14].
Pivot [BDW+17]. Plan [Whi12]. Planned
[SNMF13]. Planning [FBS12, LIL+13].
Platform
[BSM+17, CCS+11, CNSM13, HCF+15,
KR10, LDO+14, SHR12, TS12, Tii15].
Platforms
[GE11, JCP19, PBE14, ZMP+16]. Play
[Ris12c, MSAH17]. Playing [Ano13c]. Plug
[KR10]. Plug-Ins [KR10]. Point
[GE12, GWP+11, HR11, KvdL10, VE12,
WK11, WES10]. Point/Counterpoint
[GWP+11, HR11, KvdL10, VE12, WK11,
WES10]. Points
[HBS17a, HBS19, Hol15e, NCK11, PDV+18].
Police [Shu12c]. Policy
[CCMT16]. Politics [Mai12d]. Portability
[Spi13d]. Positive [LA19]. Possibility
[Boo13e]. Potence
[DD10]. Power [AVF19, DeM13,
Hod13, LBL17, PCP14, Woo16a]. Powering
[WAA+12]. Practical [GJO+18]. Practice
[ABB+15a, BW14, DGM14, Gre18a, Gre18b,
GGGM19, KDL17, KND12, KDM+19,
PMSL14, PZA+17a, PZA+17d, RKT12,
WG16, WHR14, ZP11, ZHD+13]. Practices
[FWK+15, GLA14, Jor19, MGS+18a,
MMYJ10, MCM12, MSSMDC14, Sca17,
Sp18b, SF15, ZBC16]. Practicing
[Gha14]. Practitioner
[PLZTF12, PLC19]. Practitioners
[FS10, LCA17, LTS12,
MCT13, PLC16, PLC18, ST10, SS18].
Pragmatic
[Fai19d, Kee15a, Woo14b, WF18]. Preach
[Gha14]. Predict [WLD19]. Predictable
[BDH+11]. Prediction [HBB+11, LMP16].
Predictions [HKR11, Ker18b]. Predictive
[Ano16-40, CSC+18]. Premise [BKB12].
Prepare
[Ano17-44, Ano17-42, Ano17-43, Ano18-36].
Preparing [BCB+17]. Presentations
[Ano15-32]. Preserving [SB16]. Pressure
[Ano16-49]. Prevention [WMM18]. Pricing
[BA10]. Price [LMP16]. Principal
[CSS12]. Principle [Fai19e]. Principled
[CVEK13]. Principles
[BW17, DFD+16, SPA11, Woo16a].
Printing [Ano14]. Ano15]. Prioritization
[CH15a, SAO+17]. Privacy
[BFKZ15, Bre14, GKI5b, HPM16, Pel12,
Ano14, Ano15, Ano19]. Privacy-Enhancing
[Pl12]. PriView
[BFKZ15]. Probabilistic
[FN14, RCLR18]. Probing [CPP16].
Problem [Fai19b, Gla12]. Problems
[MN12, MMT+19]. Process
[CPP10, CCWP11, DeM13, GVE11, GH18,
GFK10, Jun18, KC16, LCO16, MS14,
MSSMDC14, PM10, Shu12c, SIS15b, UG18,
vWHZ+10, vGMRW14]. Processes
[ABC+11, BMDK15, Erd10a, HM13].
Processing [DFFP18, FDE+17, WZX+16, ZXL+16].

Product [BCS10, BH19, Bos10, CdAC+16, CSC+18, Ebe14, EBS16, FSRdA11, GFT15, GFPK10, Joh10, JN10, KUG18, LK10, LX17, MNS12, MMYJ10, MRS10, dMSNrdCM+11, Rei18, SNMF13, SdA13, SW11a, ZF13, dOdA16].

Product-Development [EBS16].

Productivity [Nic19].

Professional [ABH+11, BvdHOP12, Boo12d, NYMS12, Som16, SMAU16].

Professionals [Spi16f, Uit13].

Profiles [GMB+14, KHD19].

Program [RLBR12, SGSM10, ZKB+16, ZK14].

Programmable [TM17].

Programmer [Nic19].

Programmers [Bla18b, Boo10d, Car19, PHAH16, Ris10c].

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Programs [BH17, GS11, Hol17b, Hol17d, YLK+17].

Progress [Ano18, Ebe18, Erd10e, Erd10f].

Progression [Shu14c].

Progressive [BBdH+11].

Project [Ano17p, Fav10, Jor19, MCH15, MCL12, MS12, NCK11, SMP15, Sym12, VB16].

Projecting [VWK15].

Projects [Ano12a, BH19, Blu16, BSD16, CSSW10, DHB15, DeM11, FGBM14, MJZCH13, MFS15, MCBT13, STG19, ZSMP17].

Promised [TD19].

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Providers [Fab10, Jor16].

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Prowl [CH16b].

Psychology [TBvRB12].

Publications [Ano16-35].

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Quality [BKCF14, Bus10d, BAA+12, CYM+15, CPP16, Car19, DHB15, FV19, GF16, HMP16, HBCH14, HL11, KHYT18, LMG16, LSCK12, PS14, RLBR12, SM10a, Spi16e, SSS15b, ZK10].

Quantifying [SJS12].

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Quest [Gre19].

Question [Boo14f, SB16].

Questions [Boo14a, CPP16, FS10, Hol16c].

Quoins [CH13d].

Quotes [Obr18].

R [LA19].

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Randomly [Hol17c].

Range [Tor15].

Rapid [SCB15].

Rare [AGIF17].

Rate [vGH12].

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Ratings [KNH16, RMA+14].

Rationales [TSPB17].

Raw [MCH15].

Raynaud [Car17a].

Reach [Spi15b].

Reactive [DSM+18, Til16b].

Read [Ano16-35, SCC11].

Ready [BWD+17].

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Real-Time [LDO+14].

Reality [LR12, PZA+17a, Pra17].

Really [ASP13, Ano10c, Erd10e, KT18, Wra10].

Reasoner [VD15].

Rebecca [Ano10b].

Recognition [Ano16v, DPCL14].

Recognizing [Ano18-37, Ano18-38].

Recollections [EM18].

Recommendation [RWZ10].

Recommendations [CC19].

Recomender [CPB+17].

Reconsidered [Bus13].

Reconsidering [Nag18].

Recruiting [Spi15e].

Redirections [PM18].

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Reengineering [Bus11b, CPS18, PCdGPE11].

Refactor [Fai19c].

Refactoring [BS15, Bus11a, Dig11, Dig15, GRD11, GO15, HO15, LML+15, MHRSO15, PCP14, SSD+18, SSS15a, SGSM10, Spi12e, Via15, Zim15].

Reference [PvdHM15, WE16].

Reflect [CH16a].

Reflecting [BHS+14, Spi16e].

Reflection [BHN14, NYMS12].

Reflective [BW14, DMG14, PMSL14].

Regress [Erd10e].

Regression
[CCMT16, Shu14c, SAO+17]. Reins
[Erدم10d]. Relational [Via19]. Relationship
[BBB+18, KNH16]. Relationships [Jor19].
Relative [Jor13, KE10]. Release
[ABB+15a, MM19, RR15, Spi15f, Spi18b, ABB+18]. Releases
[MFS15, SCB15, ZXT+15]. Reliability
[KCK+13, LBWX17, Spi17e]. Reliable
[Hol15a, ZXT+15, Hol14]. Remembering
[Ano11b]. Remembrance [Boo16f].
Remote [CT11]. Renewing
[Fav10]. Repair
[SEK+19]. Repairing [LW11].
Replacement [CT11]. Replicating
[AGIF17]. Report
[BDD+18, EV10, GTS+19, IHXR19, PT18]. Reports
[NHM19, ZCLL19]. Repositories
[DDIP15]. Repository [APPV19].
Repository-Mining [APPV19]. Reproducibility [Hv19]. Reputation
[ORM+17]. ReqIF [EJ12]. Requirement
[PRRT14]. Requirements
[AACF13, dSAPW+14, BBC+16, BB17, Bre14, Car17b, CMP17, CBN13, CH13c, CH13b, CH13d, CHHSM13, CH14a, CHL14, CH15b, CH16a, Coo10, DFFP18, DHCP15, DeM13, DHH+19, EJ12, FC19, FB15, FV19, FWK+15, Fer18, FDE+17, FGBS10, GM11, GCH13, Gre17b, Gre18a, Gre18b, Gre19, GSA+17, Kna19, LCH17, MJNR16, MBLN10, MJ10, Mai11b, M1W11, Mai12b, Mai12c, Mai12e, Mai13a, Mai13b, MG17, NBF+18, Pen15, RSH12, SM10a, Shu15a, SHR12, SM10b, TD19, TSP17, TEvdHP12, VIG16, VGD19, WCG16, dGNA+11]. Requirements-Driven [MBLN10].
Requirements-Engineering
[BBB+18, BBN+17, DFD+16, Fer18, FS10, GJO+18, GO15, HBB+11, LMP16, MF13, SPA11, SCL18, She15, Shu12f, TD19, VD10]. Researchers [MM18a]. Resilience [Sal19].
Resource [KSW10, NPJ19]. Resources
[Ano16w, Ano17y, PZ18, Shu11c]. Responders [BBG19]. Responding
[DFD+16, Jor19]. Retrofit [Ron16]. Retrospective
[GO15, Kri17, MM13, MCBT13, Spi18c]. Retrospectives [Ter11]. Return [Woo14b]. Reusable [LWCP17, Zim11]. Reuse
[KLM11, M1T19, MAN+14, SJ13]. Reveals
[Fai19b]. Reverse [SSE12, VD10]. Reverse-Engineering [SSE12]. Review
[Gau13, RCP+12, TD19]. Reviewers
[Ano10a, Ano13a, Ano14a, Ano15a, Ano16a, Ano17a, Tay18]. Reviewing
[MGS+18a]. Reviews
[Boo10c, CCH+15, Fai19a, HA11, MSAH17, vHEA+14]. Revisited
[Bal18, BA+12, KCD12]. Revisiting
[JWCR18]. Rework [Mor10]. Rewrite
[Fai19c]. Rewriting [BJ11, Bus11b]. Rich
[KR10]. Richard [Ano15b, Ano16b]. Right
[CS16, Hol17c, Ano16c, Ano17e, Ano17d]. Rights
[GD11, LL16]. Rigorous [BBB+11].
Rise [EV10, HSG18]. Risk
[Ano16-41, BA10, BMSS18, FN14, LCH17, Poo14, PS14, RCLR18, Wat18a, Wat18b]. Risk-Based
[Ano16-41, PS14]. Risks
[ES16, GM10, PM10]. Road
[KAC+18, LMM+15, SA11, Shu11e]. Roadmap
[TM17]. Roads [LMP+15]. RoboPlatform
[LTv19]. Robot
[PB16]. Robotic
[MH17, VOB18]. Robotics
[AGK+19]. Robots
[LTv19]. Robust
[XYC18]. Rock
[Ano16-42, EP16, HOZZ16, Sha12, Spi16b, TFK16, W16]. Roles
[LKR16]. Ron
[Bla18b]. Room
[Hv19]. Roundtable
[ABB+15a, HHR+13, HSF+16, LRB+15].

**Routes** [CPB+17]. **Routines** [CSS11].

**Rover** [Ano13d]. **Ruby** [Gun10]. **Rules** [MZLD12]. **Run** [MTT+15, Stu18].

**Run-Time** [MTT+15]. **Rundeck** [Spi14d].

**Runtime** [BBB+19, LW11, MSS10, OCFI14].

**SaaS** [BKB12]. **SaaS-Based** [BKB12]. **Safe** [MOK+18, SR14]. **Safer** [SGSM10]. **Safety** [dSAPW+14, BMSS18, CCP+18, CH17, Ebe15a, FSB+12, KSTS17, LCF13, MJZCH13, MG17, PRRT14].

**Safety-Critical** [CCP+18, KSTS17, LCF13, MJZCH13, MG17]. **Salary** [Ano12a, BB17, DeM11]. **Sanity** [ByD10].

**SASSY** [MGMS11]. **Satellite** [CMC+12].

**SATURN** [LK10]. **Scalable-Application** [VAC+17]. **Scale** [BW17, BH19, BSD16, CC19, DFP19, Fai19f, Kna19, MAN+14, NH15, OSBA14, PL19, SCW+18, SMLF19, Ozk19d]. **Scaling** [EP17a, Kim19]. **Scanners** [HvdL10].

**SCEPYLT** [CH13a]. **Scheduler** [RTV12].

**Science** [BJ11, EEBB11, EHMFT19, Gla12, MIC19].

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**Search** [Ano14d, Ano14c, Ano16g, Ano16f, Ano17q, Fav12, GV11, Ano15g]. **Searching** [And12, Joh13]. **Secret** [Mar12]. **Secure** [Ano17-39, DBRV18, LDO+14, MOK+18, PST+17, WCG16]. **Securing** [SA19].

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[See HBS17b]. **Seeing** [Erd10c]. **Seeking** [PZ15].

**SEI** [ZK14]. **Selection** [Jor16]. **Self** [BBB+19, GFT15, GGGM19, MGMS11, Sp18d, WG10]. **Self-Adaptation** [WGL0].

**Self-Adapting** [GFT15]. **Self-Adaptive** [BBB+19]. **Self-Architecting** [MGMS11]. **Self-Evolving** [Sp18d]. **Self-Managing** [GGGM19]. **Semi** [SEK+19].

**Semi-Autonomic** [SEK+19]. **Sense** [Mey18]. **Sensor** [ESZ15, MKD14]. **Sensors** [MKD14]. **Sentiment** [CCP+18, HMH19, NS19, WLD19].

**Separation** [GHV10]. **Sequential** [Er10a]. **Seriously** [Kie10]. **Serverless** [Bha18].

**Service** [And16, Ano15b, ABC+11, AIT15, Fab10, GD11, GMB+14, LL16, LMSS11, LR12, MBLN10, Mai10a, MGMS11, MH14, PZA+17a, PZA+17b, RMM+12, See12, SHG14, SGH15, Spi14d, Ano16b].

**Service-Based** [ABC+11, GD11].

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