A Complete Bibliography of Publications in the *Journal of Systems and Software* (2020–2029)

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**Title word cross-reference**

$k$ [LMVRA+20].

-nearest [LMVRA+20].

161 [NBGC20a]. 19 [GMCA21, STM+22, Tok22].

2018 [EHB21]. 2020 [Ano20a, Ano20b, Ano20c, Ano20p, Ano20q, Ano20s, Ano20r, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x].

2021 [Ano21a, Ano21b, Ano21c, Ano21q, Ano21r, Ano21t, Ano21s, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z]. 2022 [Ano22a, Ano22b, Ano22c, Ano22p, Ano22q, Ano22s, Ano22r, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x]. 2023 [Ano23a, Ano23i, Ano23j, Ano23l, Ano23k, Ano23m, Ano23n].

25012 [GRV+21].

3 [RSL+21].

5 [GKAHMO22].

61131 [RSL+21]. 61131-3 [RSL+21].

abstract [KKE21, PSZ21]. abstracted [YML+22]. abstractions [AGL21].

academia [WSL+20]. academic [Fdsn+20, Wch+22]. acceptance [Bat20, Bbasp23, FFV+23, LNST21].

access [LSB+22, SLL20, SHWR22, SV20, WCH+22].

Accessibility
[LSFE21, PFdMF21, ZFC+22].


**across** [LCT22, MWY+22]. action [APB20].


advertised [RFB20]. advice [AWA+22].

**Aerial** [ACA+23]. **Affect** [VBMB20, LNST21, NdOdO+22]. affecting [AF22, MGSC22, Tok22]. Affective [BCF+22]. Affirmed [AMO21]. after [ZFGH+22]. agenda [ECMC20, MMB22].

agent [DLBE22]. aggregated [RV22].

**Agile** [BMHR21, ZH22, APB20, Bat20, BCLN21, BRO+22, BCJ22, KKH+21, KMA20, LK23, LBMF+22, NdSR+21, SHA21, UPP+22, WSL+20, ZH21, AF22, EMCN+22, OWGS23, VML21]. **agility** [BBBD+20]. agnostic [RAGCSS+20].

agreement [LPS+23, DPGP23].

**agriculture** [SSO+23]. **AI** [DL21, FEOB22, HKP23, MRM+21, TGX+22, VKJ+21]. **aide** [CA20]. **Aiding** [PCC+20]. **Algorithm** [MLPC20, CHLT23, FR20, SVVD21, XBS21, YLW+21, YZ22, YDP22, dSIdA23].


analysis-based [ZJXG20]. **analytics** [Ala21, CVC21, FEO22]. **Analyzing** [MCY23, NLS+20, BP+22, ECS23, HCB+20, MAK+21]. taxonomy [LMZ+23].


ant [BH20]. anti [BKG20, LMGK22]. anti-patterns [BKG20, LMGK22].

**anticipatory** [PTW2]. **Antipatterns** [SC22, ABT+22]. anywhere [SMKGH23].

**Apache** [BGL+20, CYW21, ISKB20, LQY+22, WCZ22]. **API** [HBSSV+22, KFJA23, MVCY23, QWHH23, SWZ+20, SZ22]. **APIs** [POWGH2, THN20, WZZ21]. **app** [AF22, GGB+22, LXX+23, NdOdO+22].

**Application** [ZH21, HSVMB20, HKP23, LLL+22, SBF20, SSS22, XCH+20, ZSCD22, BGM+21].

**Applications** [KRSW22, PC23, ACC+20, AHP21,
bag [YZS22]. bag-of-tasks [YZS22].

balance [WKP20]. balancing [DTZ+22, FDDD20]. bandits [SG20].

Bangladeshi [SSO+23]. barriers [LSFE21, ZFC+22]. BASBA [SSS21a, SSS21b].

Based [BJB+21, FZT+22, LYZ+22, SSS21a, SSS21b, Ala21, AS22, ALZ+20, AWMW20, AFJ+20, APAF21, BKG20, BRSR21, BEM+23, BFHC20, BSH+20, BHP+21, CJR22, CCS20, CAF22, CBW+23, CAC20, CA20, CJZ+20, CZW20, CQZ+20, CDV22, CAT21, CDFT22, CPD20, DLX+23, DD20, DL21, DSDO20, DBB20, DLBE22, EN23, FR20, FC20, FFSB23, GGB+22, GKB+21, GTT+20, GS21a, GS21b, GM20, He20, HXJ+20, HSJR23, ILUN21, IK21, KSG+22, KKL+21, LATV22, LS+22, LBF+21a, LBF+21b, LVL20, LC20, LDH22, LXLZ20, LCC+23, LDT22, LCT22, MAP+20, MMDL23, MSC20, MAC+22, MMSM+23, MRA22b, MRR+20, MdOT23, NM+20, NAZ22, NNG21, OWGS23, PDD22, POZ20, RPR22, RFB20, RF3, RSVV23, SLL20, SGV22, THB22, TTT20, Tok22, TGX+22, VSTK21, WGL+22, WC20, WGY+20, XCH+20, XBS21, XLY+21, YLHZ20, YZC+23, YAAO+21, ZJXG20, ZGW+20b, ZYZZ21, ZB22].

Bayes [OEW22]. BDD [IBP21]. be [MCZX20]. beauty [HBSV+22].

Behavior [ALSA21, ACA+23, BbASP23, JCNS+22, MWY+22, PSZ21, IBP21].

Behavior-Driven [ALSA21]. behaviour [ZLS22]. being [HO22, PPMC22, Tok22].


bibliometric [WAML21]. bidirectional [BBW22]. big [CVC21, ISK20, AX21].

big.LITTLE [MCMA21]. bilingual [YOH+23]. binary [SK22a, ZWX20].


bleeping [YOH+23]. Blended [AC21].


Brain [WFR21]. Brazil [LSFE21].

Brazilian [PFC+23]. breadth [AES22].

Breaking [FEBO22]. Bug [TWX+20, AWHS22, DLX+23, EBAR21, FGG+20, JCNS+22, JST+23, KCMD21, KGL+22, LSSZ21, NLS+20, PPB20, SK22a, TSLH21, WLC+20, WZC+20, ZLS20, ZLSY23].

bug-specific [ZLS20]. bugs [AA22, JZW+21, KZK22, RF23, ZKDP22, ZRGJ21].


business-aware [TAF+20]. businesses


collectivism [ZLS22]. Colombia [MVGHPT22]. colony [BH20].

combination [LXYL20]. combinations [HTZ+20]. combinatorial [JT20, MAC+22].


communication [ACCa21, AHL22, BDLT21, GS20, LCT22, SGG22].


confidentiality-based [Ala21]. Config [BEM+23]. configurable [CBDK23, FVDF21a, FVDF21b, FKF+23, LABJ23].


constructed [IMTS23]. construction [MC20, RAGCSS+20, WZC+20]. constructs [PSZ21].

consultation [EIKHJ+20]. consumption [DLV+22]. contact [GCF22]. contact-tracing
[GCF22]. container [RAGCSS+20].
container-centric [RAGCSS+20].


entity [JWZM20, ZLS20]. Environment [MSC20, BBF+21, NMG+20, GMS22].


ETCS [NMG+20]. Ethereum [BMP22, HLW+23, PBC+23, YML+22].


Exploring [CJNDZ21, LMZ22, LQY+22, Pat20, SSZ20, dCMM+22]. extended [dACOdS23, MPGB22, PLP+20].

Extension [GBMF22, GRAHMO22].

tensions [CHLT23, GAC20]. extensive [LWY20, TSLHS21]. Extend [Vog20].


FaaS [ES23]. FaaSten [YSB+21].
Facilitating [AGL21]. facing [SWH+20].

familiarity [WLC+20]. families [MMS+23, SSS+20]. family [DPRD21, RMT+22]. far [BS23, DP+22].
farmers [SSO+23]. Fast [KDB+21, WDX23]. Fault [LLWL22, VHSB22, DSM20, LWL20, LDH22, MCZX20, MHJW23, MRM+22, XBS21, XZY+20, ZXW20].
Feature-based [NAZ22, MMDL23, ZB22]. featured [SRD+21]. features [LFH+22, MHOM22, WGL+22, ZJXG20].


filtering-based [DLX+23]. Finding [CKP20, DSM20, TST+21a, TST+21b, YOH+23, RF23]. Findings [BTSC+23].
Finite [IBI22]. fit [BAT20, SS20]. fix [MFBP20, NLS+20]. Fixed [AHT+21].
galaxy [OZVRD21]. gambling [CACHA23]. Game [BFZC21, GCSHB20, AA22, PPM+21]. Game-theoretic [GCSHB20].
MCZX20, MMDL23, MRA22b, NAD+20, NHA20, aSLF+22, YZC+23, ZWY+22, ZLW+23, ZYZ+23, ZSF+23. generative [KKE21], genetic [AA22, XIS21], geo [LLWL22], geo-distributed [LLWL22], geographically [AZR+21], German [ZH21], girls [SGW+22], Git [HHK20, DCMR20], GitHub [GDLM21, WCH+22], GitLab [EKHJ+20], Gitter [SHB21]. Global [CDT21, BCLN21, MHH21, SMI2b], globally [BSDB20], GloBug [MHH21], Goal [LLW+23], goes [FAA22]. Google [Hor21, SWG+20], governance [LLZ+23], government [WSL+20], government-academia [WSL+20], GPUs [CCS20], grammar [BRSR21, NAD+20], grammar-based [BSR21], Graph [BSH+20, DLX+23, FFSB23, ZYL+22, AGL21, CLZ+23, TTB+23, YZL+22, ZLX+22, ZSZ+22, PBC+23], Graph-based [BSH+20, FFSB23], Graph4Web [ZLX+22], graphic [QWHH23], graphical [AC21, DPRD21], graphs [AHT+21], gravity [CKM+20], ground [GDLM21], ground-truth [GDLM21], Grounded [DPGCP23], group [IR21, IT23], growth [HCC22], GT [GJW+22], GT-SimNet [GJW+22], guarantees [MH20], Guest [FBMR20], GUI [RSM+23], guidance [WR22], guide [CXY+23], Guided [MLPC20, SMK23], guidelines [MLS+21, SZSV22, ZFC+22], handling [ASSH22, KCMD21], Hansie [MN21b], hardware [BBND+20, SCN+21], hardware-in-the-loop [SCN+21], harming [FAG+20], health [AAZB23], heaviness [Gu23], help [BTSC+23, CKP20], here [SMH+23], heterogeneous [AZR+21, RCA+22], heuristic [GBS020, YDP22, ZYW+22, ZSF+23], heuristics [BFHC20, SVVD21, SSP21], Hierarchical [JSTW22, ZYL+22, AG121, ZSF+23], hierarchically [LZJ20], High [SCB22, SH20], High-availability [SCB22], highly [KKF+23, MAS23], highly-selected [MAS23], Highway [HHZ23], Hippo [HIDT21], HIMER [LWL20], hoc [FR20], holistic [BL21a, BL21b, TGX+22], Home [SMK23, CR23, SMH+23, Tok22], home-based [Tok22], hot [SH20], HPC [AHL22], HSP [MAP+20], Human [Gla23, MVGHT22, ZLS23], HUNTER [TGX+22], hW [GBSO20], hW-inference [GBSO20], Hybrid [FZT+22, AL21, BMB20, Lin21, MAP+20, PN21, YZS22, ZCLP21, ZYZZ21, LWL20, MN21b], Hybridization [TPGH20],

IADA [MdSK22], ideal [KSG+22], Identification [MLPS22, ASM+21, HLW+23, NSL+21, SSS+20, SV20, XCH+20, ZIXG20, dCMM+22], identifiers [NAD+20], identify [RLP+21], Identifying [WXL+20, dTMS21, BGE+21, SKP20, ZYZ+23, BSG21], IEC [GRV+21, RSL+21], IFML [PLP+20], iFogSim [MPGB22], iFogSim2 [MPGB22], iOIT [DHM+21], image [LFH+22]. images [CZLN22], Imbalance [QWHH23], Imbalanced [XYZ+20], Impact [ZLS22, BS23, CR23, KCM21, KAA+21, MCY21, ZGW+20b, ZZP21], impacts [LQY+22], impaired [CXY+23], imperative [BBW22], imperfect [HCC22], Implementation [LHN20, AC21], implementing [VKJ+21], improve [HELW20, JST+23, MHOM22, SSP21, WC20, dCMM+22], Improved [SRP+21], improvement [MIC23, TTL20], improves [WMLM22], Improving [ASSH22, LCAC21, ZLS20, SZSV22, GJW+22], in-breadth [AES22], in-depth [AES22], In-situ [VBMB20], In-the-field [CBMM20], in-vehicle [GAL20], incorrect [ASK+23], incremental [KDB+21],
labeled [HOCK22]. labels [SJC+22].

Managing [BBF+21, VSTK21].
Manipulation [EHB1, HS21], map
[CDP22, MGSC22, OEW22]. Mapping
[DJR+22, SGM23, WLS20, ADHM23, AACC21, AGP22, BR5+22, CJDZ21, FdSN+20, GMFO+21a, GMFO+21b, GRLA20, HATG21, KAA+21, LMZ+23, LBMF+22, MAK23, MSB21, NdOdO+22, PPMC22, PC23, PTW22, dPPdJFF21, RATS21, UPP+22, WUK+21, WldCM22, POZ20].
March [NBGC20a, Ano20t, Ano21u, Ano22t, Ano23m]. Market [ZPL21]. Market-oriented [ZPL21].
Markov [AKBN20]. Masking [FC20].
mathematical [MLBD21]. matrix
[RPR22]. matter
[SM20a, TST×21a, TST×21b]. mature
[MSS21]. maturity [WMLM22]. Maven
[HB5V+22]. Maximizing [MMB22, JS22].
May [Ano20u, Ano21v, Ano22u, Ano23n].
MBSE [GBT+20, KSG+22]. means
[BSCS23, KSP20]. measure [LALM23].
measurement
[LBMF+22, MFS22, WFR21]. measures
[VML21]. measuring [ZZL+23].
mechanisms [HK20, NDP+21, TSP20].
mechatronic [VHB21]. meetings
[SM20b, TC22]. meets [IMTS23].
Membership [LYZ×22]. MeMo [BGE+21].
Memory [HIL+21, IWC20, WDF+22].
mental [BAV20, Tok22]. merge [FFSB23].
message [LCT22]. message-based
[LCT22]. messages [PMDN20, TGG21].
messeging [SGG21]. meta
[HSMVB20, NdSR+21].
meta-decompilation [HSMVB20].
meta-ethnography [NdSR+21].
metaheuristic [ZYZZ21]. metamodel
[HPF23]. metamodels [NDP+21].
metamorphic [BGE+21, LLNC21, SG20, aSLF+22, XTF+21, YWY+21, YLW+21].
MeTeA [MSS21]. method [BKG20, CR23, JWZM20, KRS+21a, KRS+21b, LLYW20, LXYL20, LM21, MSS21, NdSR+21, PPB20, SAZN22, VKJ+21, WGL+22, WZC+20, XBS21, ZCLP21].
method-level [LLYW20, PPB20].
Methodology [CNL20, AA20, Bat20, CDRV20, WUK+21].
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[KRD+23, AIH20, HK20, MRM+21, SM20b, ZH21, ZH22]. metric
[WUK+21, XZY+20]. metrics
[AA23, EKHJ+20, HJK+21, LMZT22, MSS21, DDPT20, PT21, Pat20].
mHealth
[AAZB23]. micro [CDN+22, SGW+22].
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[AFJ+20, AÇn21, BSH+20, CDET22, PMGB22, VSTK21, ZLC+23].
microservice-based [CDT22].
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[WLS20, CJR22, DDPP23, LLST20, LKP+21, NSL+21, NSR+23, PSAB22, VTS22, WLS+21, ZTL+23, dTMS21].
migrating [LLST20]. migration
[HTB21, YAaO+21]. million [HB5V+22].
minimal [Mas22]. minimization
[LMVRA+20, OS20]. minimum [XCH+20].
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[AAG21, BLTX21, GCF22, HATG21, KAA+21, LMZ+23, LBMF+22, MAK23, MSB21, NdOdO+22, PPMC22, PC23, PTW22, dPPdJFF21, RATS21, UPP+22, WUK+21, WldCM22, POZ20].


Mutation-based [LATV22, LWL20]. mutual [HLZ+23, Ibi22].


nearest [LMVRA+20]. need [AES22, LDT22, WLdCM22]. needs [DAML23]. negative [PPB20].


networking [GAL20]. Networks [ZYL+22, AAB+22, CLZ+23, FR20, GJW+22, NDP+21, ZSZ+22].

Neural [HPZ+20, CLZ+23, JSTW22, NDP+21, RF23, YZL+22, ZLS20, ZYZZ21, HLW+23]. Neural-FEBI [HLW+23]. Next [dSIdA23].

NFV [HTB21]. NHPP [LDH22].


Simulated [MSC20]. Simulation [SBC20, GTT+20, RK20]. simulator [MPGB22, MSC20]. single [AM23, MC20].
single-tenant [AM23]. sites [HPZ+20, LXYL20, PKGA22]. situ [VBMB20]. situation [TAF+20]. situation-aware [TAF+20].
Software-Intensive [KRD+23, BGL+22, V Kl21].
Sourcing [LCAC21]. Space [SBC20, LTJ+20]. spacecraft [GBT+20].
spaces [BPJ+22, CWGS23, ETY+22, PAM+21, QWG22]. span [BCF+21].
specific [ACA+23, BPJ+22, CVC21, KSG+22, VWSCH23, WCL23, ZLS20].

specifications [KRLS+20, PSZ21, RO22, SLL20].

Spectrum [MMSM+23, HBSV+22].


Spreadsheet [MVGHPT22, RO22, TSL].

spreadsheets [HIK+21]. Spring [MCH22].

SQL [BMB20, Tai20, TS22]. SQL/NoSQL [BMB20].

srcClone [AS22]. 

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SSL/TLS [WXL+20]. Stability [YWY+21]. ECL +22, YLW+21]. stack [LZJ20, ADG+20, BLTX21, CKP20, GmCA, PKG22, SW23, TW+22, ZLW+23, ZLS22, dDLSK23].

stack-augmented [LZJ20]. StaDART [ACC+20]. stakeholders [BEM+23].

standard [WGL+22]. standards [CPD20].

standby [SH20]. start [ZH22]. start-ups [ZH22]. startups [BBND+20, ZH21].

State [BLHS23, Ibi22, AGP22, PSZ21, PTW22, RSM+23, SFR23, UPP+22, Gir21].


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strategizing [BSDB20]. strategy [DSO20, MH20, SMK123, THB22].

Streaming [KR23]. strong [Mas22].

structural [CAC20, MHOM22]. Structure [ZYL+22, HPZ+20, NAD+20, PSZ21, SGM23]. Student [SWG+20, CND22, KDB+21, LGKT22, YU22]. studies [BAV20, DPGP23, FsSN+20, TST+21a, TST+21b, WUK+21, ZLS23].


Studying [BCH+21, THM20]. sub [CMP+20]. sub-processes [CMP+20].

subjectivity [HOCK22]. Substructure [WGY+20]. success [BDMP21, CR23, ILJ21, RMOGA20, SS20].


summarization [GJW+22, ZSZ+22]. Summer [SWG+20]. SuMo [BMP22].

surveys [NSL+21, RMT+22]. survivability
[BGM+21]. survival [RB23]. suspicious
[SV20]. sustainable
[RATS21, TGX+22, BNMW23].
sustainable-development [RATS21].
swapping [SSP21]. SWFC [AHT+21].
SWFC-ART [AHT+21]. switching
[RSVV23, SM20a]. symbolic
[CHLT23, KBBD23, AZKR20]. symptoms
[JZW+21]. Synthesizing [NdSR+21].
System [AAHG21, GP2P21, CX+23,
HSJB23, KKH+21, KKL+21, LLST20,
NM+20, SKP20, SH20, TSP20, WFR21,
ADHM23, RATS21]. system-level
[NMG+20]. system-of-systems [HSJB23].
Systematic [BAV20, DJR+22, DL22,
MRM+21, PFdMF21, PDGMT20, WLS20,
AA23, AAW20, AÇC21, ADHM23,
AACC21, AGP22, AWWM20, BRS+22,
dACOdS23, CJNDZ21, DAP20, DAML23,
DN21, FdSN+20, GMFO+21a, GMFO+21b,
GRLA20, GB20, GPF22, HATG21, HH22,
HIJ+21, HO22, KAW+23, KAA+21,
LPPG20, LBT+21, LMB+23, LLZ+23,
LMF+22, MRA+22a, MAK23, MGSC22,
MM22, MFLS22, MFK20, MS21,
NdOdO+22, PPMC22, PC23, PTW22,
PAM+21, dPPdJFF21, RBS+23, RFB+22,
RATS21, UPP+22, VDCV21, WUK+21,
WFR21, WLdCM22, WCL23, YLHZ20,
ZH22]. Systems
[AX21, Gla23, NBGC20a, NVAB20, tBS23,
AAR20, ASM+21, AHI22, AMRS20,
ACD+21, BR22, BGM+21, BFH20,
BMR21, BWC21, CJR22, CSS20,
CNDL20, CBW+23, CWTL21, CBDK23,
CDET22, CP2D0, CDL2N21, CDN+22, DL21,
DS20, DSM20, DLBE22, EN23, FFD21a,
FVD21b, FKF+23, GB20, GCLZ22,
GAB20, GPF22, Gir21, GAL20, HCB+20,
HKP23, HJD2T1, HSJB23, IGP21, JCS+22,
KAV+23, LMGK22, IWC20, LH20,
LAB23, LTJ+20, LK23, LCAC21, LSBG21,
LLK+21, LLZ+22, LLNC21, MSMB21,
MPRX20, MMDL23, MN21a, MMSM+23,
MVŠ23, MdOT23, MRM+21, MRM+22,
NSL+21, NSR+23, OMA+22, OSJB21,
PT22, QWG22, RPT23, SWH+20,
SCN+21, SJ+22, TGG21, VKJ+21,
VJL21, VOG20, WZZ21, WLS+21,
WCGS23, WGY+20, WDF+22, YYW+21,
dSS+22, dVR21, ACA+23, BJ+21,

T [FDVF21a, FVDVF21b]. T-wise
[FDVF21a, FVDVF21b]. Tactics
[BLTX21, MAK23]. tag [LXYL20]. TagDC
[LXYL20]. tailored [RSL+21]. tailoring
[LWC20]. take [FEBO22]. Targeting
[BHP+21]. task [AWHS22, LWC20, YZS22]. tasks
[EBAR21, MCA21, YZS22]. taxonomies [SC22]. Taxonomy
[IPB23, MREV+22, AS+21, DN21,
SCB22, BJ+21]. teams
[EMCN+22, MGHCPT22, MSS21, MMB22].
Technical [MFLS22, OMA+22, TKSC20,
AAB+22, MBG20, FAG+20, FRP+23,
IZAD21, KRLS+20, LLST20, LB+21,
PT21, RMT+22, VJL21, VCF22, VHB21,
YZL+22, ZY+23, dTMS21]. technicalities
[KRC23]. techniques
[BGC20, DL22, JRM+22, MSRR22, SGV22,
SBM23, SSZ20, VDC21]. technologies
[GSZ20, GMCA21]. technology
[BPJ+22, YSB+21]. TEE [LD22].
TEE-based [LD22]. telework
[SMGK23]. Template [YZC+23].
Template-augmented [YZC+23].
temporal
[AAB+22, DLBE22, LWC20, WZZ21].
tenant [AM23, MH20]. term [CKM+20].
tertiary [AA23, LLPG20, ZLS23]. Test
[MMLD23, WMLM22, ZFS+22, ASSH22,
BCF+21, BCF+22, BGE+21, BDMP21,
CJR22, CQZ+20, CATA21, DDPP23,
HZT+20, Ibi22, ILK21, KA22, KBBD23,
LYW20, LFH+22, MCZ20, MAP+20,
MN21b, NJF20, NHA20, ÖS20, SKP20, SGV22, aSLF+22, SSS22, THG20, WC20, XSB21, XDL+22, ZWY+22, vBD21).

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