A Bibliography of Publications about the *Java Programming Language*, 2010–2019

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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Abstract

This bibliography records books about the Java Programming Language and related software.

Title word cross-reference

3 [DiP18b, GBC12, JEC+12, ZXL16]. \( \tau_P \)
[LTK17]. \( C_p \) [AÖ11]. \( k \) [SD16b, SGG+17].
\( Z_p \) [AÖ11].

-safety [SD16b].

/multi [Taf13]. /multi-threaded [Taf13].

'12 [Hol12]. 12th [Fox17a].
SPP, TWX, WHIN. **Applying** approach [BDT10, CSF, DLPT14, KK14, ST12, ADI13, CHM13, DHM, HLO15, HsM17, J+, MZ10a, MvH15, P11, RVP11, R01, SNS]. approachable [WHV, approaches]. **Approaching** DHM, DLPT14, KKW14, STST12, ADI13, CHM13, GGRSY14, GGRSY15, UMP10. **Approaches** [MD15, SS14, approximate]. **Approximation** [TvD10]. **Approximations** [SS12, apps]. **Architectural** [CGS17, KKK]. **Architecture** [GMPS12, Wan11, AMWW15, Gon11]. **Architectures** [KKK, RKN, ABCR10, Hos12, MS10, ZP14, arena]. **Arithmetic** [TGZ17]. **Arm** [DiP18b]. **Arquillian** [Ame13, array]. **Arrays** [FBH17, SBF, arrows]. **Arrows** [FZ17]. **art** [Lew13]. **ASM** [AGR17]. **Aspect** [ABMV12, BH10, VBAM10b, VBMA11, WBA]. **Aspect-Oriented** [ABMV12, BH10, VBAM10b, WBA]. **Aspectizing** [TNTN12]. **AspectJ** [AC10]. **aspects** [LVG10]. **Assertion** [MM12]. **Assertion-Based** [MM12, Assertion]. **Assertions** [LL15, assertions]. **Assigning** [JAC10]. **Assignment** [KT15]. **AST** [DRN14, HWW, ZLB14]. **asymmetric** [CGM12]. **asymptotic** [OL15]. **Asynchronous** [KW11, SK12, WK12, FZ17, KW10, LML17]. **atomic** [WAB11]. **Atomicity** [GGRSY17, JLP, BHS14, BNS12, GGRSY15, UMP10]. **atomics** [P11]. **Attack** [BH12, Attacks]. **Attacks** [MSS16]. **attribute** [SHU16, augmentation]. **Augmentation** [DAA13, authentication]. **Authenticating** [XHH12]. **authentication** [XHH12]. **authorship** [FMS11]. **auto** [SKBL11]. **auto-tuning** [SKBL11]. **Automata** [TLX17, ZWZ, Automated]. **Automating** [BH17, BSOG12, BMOG12, MS14, RGV11, SDM12, AsdMGM14, MRMV12, ZFK]. **Automatic** [GGRSY14, GGRSY15, GGRSY17, KKW11, MDS, MM16, PQD12, SZ11, SD16a, SJP10, SS16, WM10, XMD17, ABK, FM13, PG12]. **automatically** [TB14]. **Autonomic** [DLPT14]. **Autonomous** [GMPS12]. **average** [LDD14, avoid]. **Avoiding** [FRC, ZBB17]. **Awaits** [PPS16]. **Aware** [JYKS12, LZ12, BBXC13, CL17, EQT10, SS14, SV12]. **awareness** [VG14]. **axiomatic** [VGD10]. **B** [DLZ13]. **back** [Car11]. **Background** [PWS17]. **Backstage** [PS11]. **Bad** [GRdB15]. **baggage** [KFB12]. **balances** [FMB15]. **balancing** [PDP16]. **Ball** [DD13]. **barrier** [CHMY15, VB14a]. **barriers** [HH10, WBM10]. **Based** [AFGG11, DLR16, GM12, GGC18, LTD, MvDL12, MM12, PTM11, P1LC11, PE11, RBL12, RT14, SGD15, SLS, SW12, AYZ10, AST, ADI13, BBF, BBP13, BB17, CDT10, CI17, CPA14, CPST15, EK10, GCM13, HWM14, HWW, HOK14, HWM11, IHWN12, IR12, JEC12, JMO14, KATS12, KS13, KRIC14, KvRHA14, KS14, MCC17, MB12, MCY10, PDP16, PW11, Z11, SBI13, SMI10, SPY16, SV17, SNS14, UIY10, VSG17, X1H12, Y10, Z1Y12]. **basic** [CZ14]. **basic-block** [CZ14]. **basics** [Zak12, basierte]. **battlefield** [WT10]. **Bayesian** [BSA14]. **BeagleBone** [Ric14, before]. **Before** [TD15]. **begone** [MRMV12]. **behavior** [LWB15, RLB15, TABS12, WXR16]. **Behavioral** [LN15, AMWW15]. **behaviors** [PCL14]. **behaviour** [SMS12]. **Beliefs** [BA17]. **Benchmark** [GBC12, SMS11]. **benchmarking** [AHK, MD15, SNS]. **benchmarks** [KH12, RGV11]. **benefit** [HH13, best, Sch13]. **Better** [Bro12, TD15]. **Between** [PV17, ZLD15, CM17, CS16, LSB16, LSB17, RDP16, SH12]. **Big** [GTS15, NBW, RKV15, BOF17, BBXC13, SSG14, WR10]. **billions** [DR14]. **bindings** [VGR16]. **bird**

C

RVK15, RLMM15, SRTR17, SVB+17, SV15a, SED14, AGR17, AK13, CCFB15, DRN14, FH16, FMS+11, LVG10, NG13, OJ12, PMP+16, PSW11, RFRS14, RBV16, RO12, UTO13, VSG17, WKJ17, WGF11, WBA+11, WAB+11, WWS13, ZHL+12, ZXL6, ZWSS15. coding [LMS+12].

coherent [ZP14]. Cold [BZD17, WGF11].

collected [AGGZ10]. collecting [AHK+11].


comparison [ADI13, BBJK12, HH13, KvRHA14, SMS+12]. Comparisons [GGZ+15]. Compartamental [WGW+11]. compatibility [DJB16, OIA+13]. compatible [ABCR10, Hor12].

Compilation [DLR16, CGJ+16, CMS+12, DLR14, FSC+13, IHW12, JLP+14, JK13, JMO14, KS13, KHL+13, Lei17, MD15, MGI17, ZBB15]. compiled [NED+13, RO12]. Compiler [JMB12, NKH16, NWB+15, BBF+10, BRWA14, CIAD13, HWM14, IHW12, KMLS15, KS14, LCW16, MDM17, Rub14, TTS+10, TWSC10, VB14b, ZYZ+12]. compiler-compiler [KS14].

compiler-runtime [TWSC10]. compilers [Hos12, LMK16, RSB+14]. Compiling [Fee16, Hos12]. complementation [BS13].

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Composition [SK12, AGH+17, AH10, SZ10, VM15]. Comprehension [BKG17].

Comprehensive [STST12, VBMA11, ZKB+16, MKZ+14].


con [SMSB11]. Concurrency [BG17, Bro12, SWF12, BVGVEA11a, CHM13, DMS11, HAW13, KHL+17, PPS16, Sub11, TD15, UR15]. Concurrent [MSM+16, PS12, Sie10, BMS17, EP14, Gra15, HJH10, KBL14, MFM+10, OW16, PTF+15, RVI11, STR16, SNS+14, YS10].

concurrent-by-default [SNS+14].


Consistency [CSF+16, DNB+12, FRM+15, ZBB17].

consistent [BCR13]. constrained [KSR14].

constraint [FMBH15, SHU16].
Constraints [SGD15, LSSD14].
construction [CIAD13, RGEV11].
constructors [MME14]. constructs [PCL14, PTF+15], consumers [DAA13].
Consumption [MV16], container [XR10].
containers [XR10]. Context [HWM13, MM16, TL17, HB13, lvdS16, SSB+14a].
Context-sensitive [HWM13]. Contextual [MSSK16].
Continuously [DTLM14].
Contracts [YQTR15, HBT12, KT15, KKW11].
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conversions [CMM17]. Cooperative [YDFP15, Hdm17].
Coordinating [MAHK16]. coordination [BMSZ17]. copy [FBH17]. copyrightable [Sam12]. Core [Hor11, Hc13, RDCP12, RTE+13, MS10, TRTD11]. cores [GTSS11, SKBL11].
corpus [HCN14, LSBV16, LSBV17]. correct [AdCGGH16, AJL16, DII1P10].
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Correlation [SDC+12, XH12].
CPS [PDD17]. CPU [PKO+15].
Critical [HL13, WK12, WCB16, ZLCW14, AG1R17, DTL14, GMC+13, NM10, Nil12b, RS12, SDH+17, CWW13, LWC17]. Cross [MDM17, AMWW15, BKC+13, GSS+16, KMZ16]. cross-cutting [AMWW15].
Cross-language [MDM17, GSS+16].
cross-program [KMZ16]. cross-thread [BKC+13].
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customizations [LVG10]. customized [HB13]. cutting [AMWW15].
Cyclic [BMOG12, RS12].
D [DiP18b, GBC12, JEC+12, ZXL16]. DAA [DR10]. Data [Bra14, BMOG12, BA17, GMI12, GTS+15, GT10, NKK16, NWB+15, TAF+18, dMRH12, BK14, BB17, BOP17, BBXC13, BJBK12, CDM10, CRP+10, DFR13, DHM+12, EKUR10, FOPZ14, KB17, LDL14, MRA+17, NL14, SAdB+16, SSS+14, SGG+17, UMP10, WK17, WCG14, XXZ13, XMA+10, ZIvdS17].
deadlock [CHMY15, SR14a, SR14b]. Dean [Bro12]. debugging [ASdMGM14, BM14, AK13, SSB01].
December [LSBV17]. Deciding [SGD15].
decision [RBV16]. Declarative [DRN14, RSI12, FOPZ14, MME+10].
Decomposition [AGH+17].
decomposing [ACS+14]. decoupled [LPA13].
deduplication [HOKO14].
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Definition [NS12]. Delegation [GBS13].
delimited [PDD17]. DelphJ [GBS13]. demand [FWDL15, ZHL+12].
demand-driven [FWDL15]. DemoMatch [YKSL17]. demonstrations [YKSL17].
Deoptimization [KRCH14]. Dependence [PDD17, JWM15]. Dependence-driven [PDD17].
dependencies [BKC+13].
dependencies [EL15]. Dependent [CHJ12, LE16]. deploying [R+13]. depth [Rau14]. Design [AC16, ETTD12, MLGA11, Puf13, RTE+13, SW12, TRTD11, TKL+15].
Designing Desktop [Sev12b, KHR11].

Desktop [GS11].

destructive [FF10].

Detecting [BK12, HLO15, PiLCH12, XR10, FF10].

Detection [BH10, BSOG12, KCD12, MS14, RD15, XMA+14, AMT17, CSHK17, LMK16, LS11, ODL15, PG12, RDF15, RW17, SR14a, SR14b, SS14, WCG14, XZ13, XR13]. detectors [LWH+10]. Determinacy [AM14]. deterministic [DNB+12, MvH15].

developer [EV13, Top11, ZZK13].

Developers [Bro12, BMR14, DJB16, HH13, Wam11]. developing [R+13]. Development [ABK+16, AYZI10, AGR17, FRG12, PSW11, SKR17, SH12, WBA+11, ZDS14].

Device [TTD+11, XHH12]. Devices [GPT12, JQQ16, MV16, ETR+15, Xue12].


Differentiation [FHP+12, FQD12, S16a],
digital [JMO14].
dimensional [TGZ17].

Directed [STR16, CSS+16, EP14, Lei17, NG13, NED+13, WM10]. directives [VGS14].


Distributed [BVEAG10, LTD+12, LM15, MAHK16, PE11, BVG14a, BVG14b, CR10, EABV14, STCG13].

distributing [TGZ17]. divide [SBF+10].

Do [HH13, Han15]. Does [BRGG12, Rub14].

DOJ [hEYJD12]. DOM [GGC18].

DOM-Based [GGC18].

Domain [KSPK12, CSdL16, EKE+13, HWW+15, PIR17].

domain-specific [CSdL16, EKE+13, HWW+15]. dominance [CPST14].

DoubleChecker [BHSB14].

down [Ker15, ZMNY14].

drf [MSM+16].

DRFX [MSM+10, SMN+12].

Driven [CCA+12, CHM13, FWDL15, MTL15, PDD17, SR14b],
drug [EKUR10].

DSL [KARO12].

DSLs [KHR11, RO12, SC16].

DSU [PVH14]. Dual [AD16]. Dual-Pivot [AD16].

Dynamic [AGM+17, ABMV12, ASF17, CHMY15, MvDL12, PTHH12, RDF15, XMA+14, ZKB+16, AF12, BDB11, BK14, BCD13, BOF17, CSV15, CPST15, ELW15, GYB+11, HB13, KRCH14, KRR+14, KT14, LWH+10, LVG10, MKZ+14, Nil12b, NG12, NED+13, RLBV10, RCR+14, RRB17, SR14b, SIPS10, SH12, TPG15, VBAM10b, WXR16, WBA+11, WAB+11, WWS13, WW+17, ZBB15].
dynamic-memory [GYB+11].
dynamically [CZ14, CMS+12, hEYJD12].

Dynamo [BDB11].

e-Science [SGV12]. ease [DRN14].

Easy [Jaf13, CRP+10].

economics [SV15].

Edition [ANO15, LYBB14].
editor [EKR+12].

Editorial [Fox17a].

Editorials [Fox17b, HTW14, RHT13].

EDSLs [RDP16].

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effect [CCFB15].

Effective [BMP14, PTML11, RD15, CSdL16].

Effectively [UR15].

effects [FH16, HAW13, Le17].

Efficient [DVL13, GPT12, HW11, HB13, KT14, KW10, OOK+10, RFS+15, RFBJ14, SMN+12, TLX17, TD17, AK13, BHSB14, CRP+10, ETR12, HW10, KKW11, MRA+17, MSN+10, Sic17, SGR12, SWB+15, SV15a, TRTD11, UMP10, VVJB10, XNZ13].

Efficiently [FBH17, BKC+13, FOPZ14].

Einsatzszenarien [Sch13]. Einsteiger [Ric14].

Elektronik [Ric14].

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elision [NM10].

Elliptic [GGC18].
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[Fox17b, HTW14, JMB12, KARO12, Pau14, SLES15, SLE17, TKL15, VK12, Dei10, Fox17a, GMC13, HTLC10, KHR11, LMK16, LTK17, OIA13, RHT13, SC16, SDH17, SFR14, UIY10, Xue12, ZYZ12].

[BDT10, BVGVEA13, DcSG12, HC10].


[CC15, GMPS12, Mei14, MAH12, NCS10, WBA11, WAB11, WWS13]. evolving [ZZK13]. Exact [ZW13]. Examples [BNP11]. Exception
[LT14, ECS15, HWM14, LT11].


[JK13, JWMC15, SE12]. exposed [VBDMP16]. Express [JQF16].

Expression [NS12, PIR17]. expressions [GG15, MKTD17]. expressive [VYY10].

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Facebook [Ano13]. Facets [ASF17, AF12]. facilities [BVGVEAFG11].

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fringe [MB12, MB12]. Full
[SRTR17, DRN14]. Full-Word [SRTR17].
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[UFM15]. functions [LSBV16, LSBV17].
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[MS13, ETTR12, WM10]. fusion [KBPS17].
future [SS16]. fuzzer [Guo17].
Game [MT14, Wan11]. Gap
[PVB17, ZLHD15]. Garbage
[AVS+16, BH12, GTS+15, QSaS+16, Sch13, SKBL11, AGGG10, BCR13, BP10, BVGV14b, BOF17, GTS111, KPHV11, KBL14, NGB16, PZM+10, PDP+16, Puf13, SP10a, SMB14, Sie10, SJBL10, UIY10, UJR14].
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[NGB16, RGM13]. GEMs [BSMB16].
general [CHMY15, EKUR10]. generalized
[WT10]. Generating
[HJS+10, RDP16, GRF11, KS14, MHBO13].
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generations [BOF17]. generators [SLF14].
generic
[DDM11, Fer13, HH13, ZPL+10, eBH11].
generics [AS14, Gri17, PBMH13]. Genetic
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[MCY+10]. German [Sch13]. get [Ame13].
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[DHS15]. Giga-scale [DHS15]. glimpse
[SP16]. Global [PE11]. Global-Scale
[PE11]. Giotar [SLS+12]. go [LWB+15].
Goldilocks [EQT10]. Good [dGRdB+15].
Google [MGI17, Sam12]. GPGPU
[PQTGS17]. GPGPU-accelerated

family-based

Fast

Feature

Fault

Feedback

FIFO

Fine-grained

Flexible

Floating-Point

Floating-Point

Flow-sensitive

Flow

Footprint

Forecasting

foreign

dork

fork

form

fork/join

good

Four

fragmentation

fragmentation-tolerant

fragments

Framework

family-based

Finite-State

Fingerprints

Fast


null
[GMS12, SD16b]. loop [DD13, HWI⁺12].

m [MZC10b]. m-JGRIM [MZC10b]. M2M [Pau14].
Machine [LYBB14, Ame13, CBLFD12, KS13, KC12, Piz17, SSMGD10, WGF11, WHY⁺13, BZD17, LYBB13a, LYBB13b, LTK17, PTHH14, SSB⁺14a, Sch13, Set13, SMSB11, SGV12, SSB01, SSB14b, UR15].
Machines [AGR12, GTS⁺15, JK13, KRCH14, NK10].
macros [DFHF15]. Magic [SP10b].
Magic-sets [SP10b]. Magnitude [BNE16].
major [Ano12].
Making [Loc13, Sta10, PS11]. malformed [SHU16].
Malicious [KCD12]. malleable [MZC10a].
malware [CSK17]. Managed [MAHK16, BM14, CBGM12, GTL⁺10, ZIvdS17].
Managed-Language [MAHK16].
Management [Pan14, AHK⁺15, BVGVEA11a, EKUR10, HB13, KCP⁺17, KB17, Nil12b, PCL14, SWB⁺15, Tar11, WGF⁺11].
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Mathematics [dJM18]. MATLAB [Alt12, FBH17, PMTL14, VF10, Has12].
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messages [eBH11]. meta [MD15, SZ10].
meta-circular [SZ10]. meta-compilation [MD15]. metadata [DV13]. MetaFJig [SZ10]. metaheuristics [DDDF17].
metaprogramming [PS11]. Method [AC16, BVGVEA11a, GD12, AST12, AJL16, HMDE12, SS16, VBM16].
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middleweight [IF16, MT14]. midstream [SSG⁺14]. Migrating [AST⁺16, CDTM10].
Migration [OwKPM15, Fee16]. migrations [TPFB14]. Miniboxing [UTO13].
mimal [CNS13]. mining [DRN14]. Mint [WRI⁺10].
minute [DHS15]. minutes [BTR⁺13].
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Mistakes [BA17]. Mitigating [KC12].
mixed [CL17]. Mobile [GM12, GPT12, MV16, XHH12, GGC18, KF11, MZC10b]. Model [CSF⁺16, CDG⁺17, CCA⁺12, DLR16, JYKS12, MSM⁺16, MCC17, MV16, BVGVEA11a, CHM13, CWW13, CV14, DLZ⁺13, GY16, HAW13.
Loc13, LSSD14, MLT17, MSM+10, P_SW11, RR14, RBV16, RAS16, RDF15, SMN+12, SSG+14, VWJB10, ZP14, ZXL16.

Model-Aware [JYKS12]. Model-based [MCC17, PSW11], model-driven [CHM13].

Modeling [GBC12, JC10, KSPK12, LDL14, Rey13, CRAT+12, SKR17, TLX17, ZIvdS17].

Models [CC15, PE11, ZLCW14, AGR17, HHH+14, TVD10, ZBB17], modern [HHF+15, Hav11, JK13, KB17, WG+11].

modernization [Nil12a]. Modular [IvdS16, LN15, RDCP12, MRA+17, RO12].


[AF12, ASF17, HLSK13, CSV15, DD13]. multiplexing [BVGEAFA11].

Multiprocessing [VGS14]. multiprocessor [PS10, PWA13, SPS17]. Multiprocessors [KW11, RS12].

Multithreaded

[KKW14, SR14a, BNS12, DJLP10, Fer13]. Multithreading [CCH11]. multivariate

[AÖ11]. MuscalietJS [RCR+14].

Mutagenic [YCYC12]. mutants [FRC+17].

Mutation [MMP15]. mutators [AHK+11].

MySQL [An15].

Names [SRTR17]. Naming [STST12].

Native

[JQJ+16, LT11, LT14, KFBK+15, STS+13].

Natural [LL15]. naturalness [HGB+16].

NDetermin [BENS12]. nested [CHM16, ZLB+13]. Netflix [Lin14].

Network [CC15, GCC18, RR14].

Networking [Hol12]. Networks

[AFFG11, ETR+15].

neuromorphic [HNTL12]. next [CRJ+10]. NG2C [BOF17]. Nixon [An15].

No-Heap [BVGEA10]. NoCs [PWA13].

Node [HC11, JBK12]. Node.js

[BSMB16, MTL15, An14]. nodes [DR14].

Nominal [BO13]. Non

[BVGEA11b, BSOG12, GGZ+15, TD17, YKM17, MZC10a, OMK+10, ZP14].

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non-cache-coherent [ZP14].

Non-equivocation [TD17].

Non-functional [BVGEA11b].

non-intrusively [MZC10a]. Non-Java

[YKM17, OMK+10]. Non-termination

[BSOG12]. Nonblocking [RTET15, SP10a].

Nondeterministic [RB15, BENS12].

noninterference [IF16]. Nopol [XMD+17].

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Novel [NK10, MZC10b].

November [Hol12].

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NullPointerExceptions

[BSOG12].

NUMA [GTS+15]. NumaGiC

[GTS+15]. number [PPMH15, SLF14].

Numbers [Jaf13, AJL16, Wal12].

Numerical

[KS15, KFBK+15, PQTGS17].

NXT [SWF12].

Obfuscated [KCD12]. obfuscation

[CCF15]. obfuscations [CSK17].

Object

[C5G17, GS11, LZ12, NB15, PTH14].

Obfuscated [KCD12]. obfuscation

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