

A Complete Bibliography of Publications in *Annual Review in Automatic Programming*

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: <https://www.math.utah.edu/~beebe/>

09 June 2026
Version 1.00

Title word cross-reference

-2 [Dub85]. **-3** [Dub85].

1 [Dub85, MMO94].

2 [Ahr85, GLTD88, PF61]. **2122** [And85].

3D [VPM94].

60 [BBG⁺61, Dij63c, Dij63d, Eva64, HH63, Nau64a, Rut63, Woo63]. **67** [IM72]. **68** [BL73, McG78].

A.I [Rus92]. **abstraction** [BM85, VHR92]. **access** [Elz80]. **access-rights** [Elz80]. **accountancy** [How92]. **Achieving** [Puc94]. **ACM** [Ano60e]. **ACM-GAMM** [Ano60e]. **acquisition**

[CH85, GK77, KGN94, LN92b, NSY92, NK92, YJ89, vdL94]. **actions**
 [KHP92]. **activated** [AJT94]. **active** [RKC85]. **active-set** [RKC85]. **ADA**
 [FHK88, PEGR80, DG80, Sav81]. **Adaptation** [RE85]. **Adaptive**
 [HH92a, SFVvL92, Ber92, CA94, HR94, Kar92, LK85, PCY92, Sim85, SV92].
adaptively [Bor85]. **Additional** [HH88]. **address** [Boo60]. **advanced**
 [HJ94]. **advances** [Hal81, KM81]. **adventures** [KSZ92]. **aerospace** [SG85].
agents [HR94, Jen92, SRRP⁺94]. **aggregate** [Lun85]. **agricultural** [Rei85a].
ai [BJT⁺94, HR94, Hoo92, KJ92, SM89, WTI92]. **aided**
 [Fle85, GRW88, Ono89, Pop85, SG85, Wel85]. **aids** [Wel85]. **aircraft**
 [Pie85, Shi89]. **alarm** [Lar92]. **Alexip** [CBGG92]. **algebraic** [Ano60e].
ALGOL [Ano63a, Ano63e, BBG⁺61, BL73, Dij63a, Dij63c, Dij63d, Eva64,
 HH63, Hig63, McG78, Nau64a, Nau64b, Rut61, Rut63, Woo63, vW63, Bem69].
ALGOL-60 [Dij63c, Dij63d]. **ALGOL-procedure** [Rut61]. **algorithm**
 [BCSM94, Che85a, DG94, Dui85, Kiw85, KMEK85, LK85, MNV85].
algorithmic [BBG⁺61, Nau64a]. **algorithms** [Dov85, Dub92, FLMS92,
 GKKP85, KTF92, Kar92, LN92b, Nev85, RNB92, Sim85]. **allocation**
 [Elz80, JKW85, JS85]. **alternative** [Elz80]. **alternatives** [Boe85]. **AMI**
 [DLP92]. **Analysis**
 [SP94, Sav80, Tza85, Ahr85, GCOA94, IM85, KTF92, KMP⁺94, Lar92, Lun85,
 NK92, Pop85, Ron60, Sta85b, Sta85c, TAT81, TZ89, TAR92, Vor85, vS92].
analyzing [WFR92]. **any** [BFH85]. **Appendix**
 [Ano60a, Ano60c, Ano60d, Ano60e, BBG⁺61, Dij63a, Nau64a].
applicability [Fan85]. **Application**
 [EhGhSl89, FPCN94, GSGPAT94, GGG85, HvALT92, NLÁR94, Stã85a,
 VK85, ZEZR89, And85, Ano60c, Ano60b, BFH85, BJJ⁺92, Cle60, Cor94,
 FCWM92, GK80, Gre85, How92, KM81, Tie85, VK94, Wol85, dJM85].
Applications
 [ASM88, HGM92, Ano88d, Arz92, BL89, Cus60, Dum94, Est85, FLMS92,
 GLR81, LN92a, ML85, Mot94, OR88, Rei85a, SNG94, VBRD94, Wel85].
applicative [ČŠ88]. **applied** [GP94, McK92]. **Applying**
 [Mit88, BJT⁺94, DLP92]. **approach** [AA85, AFGvdS80, BJNR77, Boe85,
 FJ92, Fra92a, GRSA94, HKM77, Har92, HK85, Kap77, LNYz89, LN92a,
 MMA92, PKS88, Pie85, SS70, Sta85b, Tam85, TKD85, TFMM81, Wit85].
Approximate [Vál85, LN92a]. **Approximation** [ML85, Che85a]. **APT**
 [Ric61]. **architecture** [AAG⁺94, Han94, HGH⁺85, KM94, LM89, Mes94,
 Mos94, SRRP⁺94, SNG94, VBRD94]. **Architectures** [Efs92]. **area** [Kel85].
arising [GM85]. **Arithmetic** [Maz61]. **arm** [WB85]. **ARTIE** [TW94].
Artificial [JST⁺92, LS94, Mot92, VGQ94, VÅ89, Efs92, GMWK92, JX92,
 MRSS94, Mor92, Mot94, RLM94, SKKG94]. **aspect** [BK92, MBK92].
aspects [Tie85]. **Assembly** [Fel60, Cou69, LCM94, MS92a]. **assessment**
 [BBC⁺92b, Kie92, SKL85]. **assignment** [MSL⁺94, Tos85]. **assistance**
 [GRSA94]. **assistant** [PB94]. **assisted** [HD85]. **assurance** [Bas92].
Asynchronous [BL89, VK85]. **ATMS** [FLMS92]. **attempt** [CW85].
attitude [SKKG94]. **augmentation** [PCY92]. **Augmented** [Rus92].

Author [Ano85a, Ano85b, Ano88a, Ano88b, Ano89a, Ano90a, Ano92a, Ano92b, Ano94a, Ano94b]. **authors** [Ano85c]. **Auto** [Meg60, HLH92]. **Auto-programming** [Meg60]. **auto-tuner** [HLH92]. **Autocode** [PF61, Red60, Bro60, BM61, Pay60]. **autocoded** [Ron60]. **automata** [Sab77, Sav81]. **Automated** [Mel88, NIYY81]. **Automatic** [Ano60d, Cus60, Pir73, PV85, Rob60, Cle60, Gle60, Luk61, PHW60, Sav80, Tay60, Woo63]. **automating** [Zha92]. **automation** [TBR⁺94]. **automaton** [Wol85]. **autonomous** [VPM94]. **Average** [Vor85]. **avoid** [KvD92].

B [Ano60c]. **back** [FKKK81]. **balance** [HS85]. **bargaining** [Fan85]. **base** [Ave92, Eng72, LST90, TS90]. **based** [ARA⁺92, AH92, Arz92, BCD92, BBG⁺88, BSMS94, Bro94, CA94, CBGG92, Dek85, DS88, DCA94, EB94, FS94, FQVM88, Fin92, Fra92b, GL80, HLH92, How92, Hüb92, JVB92, JX92, JA94, KTF92, KM94, Lar92, Lei92, LwYz89, LH92, LS92, MMA92, Met64, Nev85, NAP92, NIYY81, NK92, Ono89, PA88, PvWD92, PPE⁺94, Pir73, Puc94, RW89, SJ92, Son90, SGZ89, SWR85, SNG94, TBR⁺94, TM85, VPM94, VHR92, WHS77, vS92]. **bases** [Rod90]. **basic** [Eng85]. **batch** [Car85, Per92]. **be** [Bri85, Rei85b]. **beam** [HvALT92]. **BED** [BLA94]. **Behaviour** [Ahr85]. **Belgrade** [BBS⁺88]. **best** [ABDW94]. **between** [BM85]. **bibliography** [Ano60d]. **bilinear** [DHD85]. **biomedical** [MSTZ77]. **bioprocess** [FCWM92, IGM⁺94, SL92b]. **Biotechnology** [VD92]. **blackboard** [Cor94]. **blast** [JX92]. **block** [Cas94]. **Board** [Ano60f, Ano64b, Ano69, NIYY81]. **boiler** [OHS92]. **Book** [Bem69]. **Bootstrap** [Ano92c]. **Boundary** [Lio85]. **bounds** [Che85a]. **Box** [Pop85]. **Box-Jenkins** [Pop85]. **BOXES** [Rus92]. **build** [Jen92, Wit92]. **building** [Dah85, SR85]. **business** [Cli61, Cus60, Kop92].

C [BP94]. **CAD** [OGF85]. **calculation** [BFH85, Ili61]. **CAM** [WI81]. **capabilities** [Ano92c, PPMM94]. **care** [BBS⁺88]. **Case** [RLM94, BK85, KMP⁺94, KLM⁺92, Kuv92, LOKK89]. **causal** [BTM92, LS92]. **cell** [MS92a, Vor85]. **centers** [RTC92]. **Centralised** [IMF⁺81]. **certification** [BBC⁺92b]. **chains** [PMH85]. **chair** [MRL⁺94]. **challenges** [SAM85]. **changeover** [UOH⁺81]. **channels** [BFH85]. **chaotic** [JK85]. **characterization** [UW85]. **charts** [Arz92]. **checkers** [Sam69]. **checking** [RP92]. **chemical** [Dov85, RK89]. **Chronology** [Bem69]. **CIM** [KLM⁺92]. **circuit** [Grz85]. **circuit-oriented** [Grz85]. **civil** [Sav81]. **class** [DHD85, JST⁺92, Mar64]. **Clinical** [BBS⁺88]. **clock** [RP92]. **closed** [ACD⁺85, DI92]. **closed-loop** [ACD⁺85]. **clustering** [YJ89]. **Cn** [Fan85]. **co** [OTTK81]. **co-operating** [OTTK81]. **COBOL** [Ano61, Cli61, Sam61a, Sam61b]. **code** [Hal77, OS60]. **codesign** [Tem94]. **coding** [Cle60, Luk61, PHW60]. **coefficient** [CW85]. **coherence** [SP94]. **cold** [JHJ90]. **Collaborative** [RWMC92]. **collisions** [KvD92]. **collocation** [AA85]. **column** [CSDM94]. **Combi** [Ger85]. **Combined** [SM94]. **command** [Sha63]. **commands** [MRL⁺94]. **Commercial**

[BJT⁺94, DBG63, Áré92, Bae61, BG64, Cli61, Hum60]. **committee**
 [Ano60e, Ano77g]. **common** [KHM81, Ric61]. **Communication**
 [NK94, Fan94, Grz85, Kap77, KK88, NY94, Sch80, Ste90]. **communities**
 [Sar85]. **company** [Kuv92, Sch92]. **compare** [MR94]. **Comparison**
 [Bro94, Cli61, Pie85]. **compensation** [PC92]. **compilation** [BG73, KSK94].
compiler [BMMR63, Cli61, Eva64, Hum60, Iro63, Met64, Nau64b, Wil64].
Compiling [lCMM77, Wil64]. **complementarity** [APPZ85, NSY92].
complex [BCSM94, Bor85, Eng85, Hüb92, MSL⁺94, rnhWS85, Sch85a,
 Stä85a, Syd85a, VK85]. **complexity** [Bos77, KZ88]. **complicated** [Dem85].
computable [Ano60c, Ano60b]. **Computation**
 [Mor85, BSF85, MdCMC88, Tza85]. **computational**
 [BTM92, Pao94, RKC85]. **Computer** [Fle85, Sab77, Wel85, And85, BI85,
 Fed85, Fis85, Fri64, GK77, Grz85, GRW88, HD85, IMF⁺81, Kel85, MSL⁺94,
 NKIT81, NHIK77, Ono89, Par85, Pop85, Ric61, SG85, Ush81, Wal80, WI81].
computer-aided [Ono89, SG85]. **computers** [HJLT77, KM81]. **computing**
 [Dui85, Mes94, Woo63]. **concave** [SWR85]. **Concept**
 [FP94, Eng85, GRW88, HJ73, NK92, Sow81]. **concepts** [Fan85, IM72].
Conceptual [Mes94]. **concerning** [Loc85]. **concerns** [Mit88]. **concurrency**
 [BM85, GG90]. **Concurrent** [Kuz85, And85, KSK94, VS88]. **condition**
 [RLM94]. **conditional** [Sch80]. **conditions** [EB94]. **configuration**
 [KKK92, TBR⁺94]. **CONRAD** [KMP⁺94]. **consideration** [BK92, LH92].
constrained [AA85, Kiw85, dJM85]. **constraint** [NAP92, RP92].
constraints [DR94]. **Construction** [KK88, HK85, PV85]. **constructs**
 [BP94]. **consulting** [BGG⁺88]. **content** [Hug92]. **contention** [GJ85].
Contents [Ano63b, Ano63c, Ano64a]. **Continuation** [KSK94]. **continuous**
 [APPZ85, CBGG92, GRSA94, Spe85, Woo92]. **contribution** [IM85].
Control [GCOA94, ÅHP89, AA85, ARA⁺92, AAG⁺94, AFGvdS80, AH92,
 BBC⁺92a, BJ92, Ber92, BSMS94, Bri85, Bro94, Buc85, CA94, Car85,
 CSDM94, CVB85, CTW94, CH85, CC85, CNV⁺92a, DISN77, DSD⁺88,
 Dem85, DCA94, Dov85, ES77, Efs92, FQ90, FS94, Fin92, Fis85, FJ92,
 GKKP85, GL80, GCOA92, GLTD88, GGG85, GK80, GRSA94, GK77, Grz85,
 GM85, Hal81, HPP85, Har89, HGM92, HH92a, HvALT92, HUS92, HGH⁺85,
 HH92b, HD85, JVB92, JST⁺92, JH92, Jen92, JX92, KTF92, Kar92, KHP92,
 Kra85, KJVB92, LL94, LNYz89, LS94, Lei92, LŠT90, LI92, LA92, LN92a,
 Lio85, LD85, Lud80, LOKK89, LM89, MS94, MP85, MRL⁺94, McK92,
 MS92a, Mel88, MBK92, MAU⁺81, MMW92, MSTZ77, ML85, Mor92, Mot94,
 NSY92, NS92, Nev85, NLÁR94, NIYY81, Obe85, Ono89, OGF85]. **control**
 [OHSH92, PCY92, Pao92a, Pao92b, PvWD92, PPMM94, Per92, Put85,
 PEGR80, Rei85a, Rei85b, RNB92, RK89, RPF⁺92, RW89, Rod90, RHJ⁺94,
 RTC92, RK85, Rus85, Rus92, Sab77, SP94, SRRP⁺94, Sav80, rnhWS85,
 SKKG94, SG85, Séd90, SL92a, SM89, SGZ89, SL92b, SWR85, SFVvL92,
 SV92, Tho77, Tie85, Tos85, Ule85, UW85, VM92, VÅ89, VHR92, VK94,
 WTI92, WDM92, WI81, WB85, Wei85, WHS77, Wol85, XL85, YKI92, YJ89,
 ZEZ89, Zha92, dJM85, vdL94]. **control/monitoring** [LŠT90].

Controllability [DHD85]. **controlled** [Bor85, HGP92, Meg60, Wal80].
controller
 [AJT94, EhGhSl89, Han94, HJ94, KRK92, Poh85, TBR⁺94, YLZ89].
controllers [Chr85, EB94, FCWM92, KMO⁺92, PA88, PBMR94].
Controlling [KZ88, Fri92]. **controls** [BSF85]. **conventional** [Bro94].
Convergence [Sim85]. **conversational** [BG73, Lec73]. **conversations**
 [CCMM90]. **conversion** [Fel60]. **convex** [Kiw85]. **cooperating** [Jen92].
cooperative [BK85]. **core** [Tza85]. **Corporation** [IMF⁺81]. **correct**
 [KK88]. **correction** [Ano60c]. **Correctness** [Szm88, Szl77, SSSS94]. **cost**
 [GLTD88, KTF92, KZ88, MS92a, VG94]. **costs** [LMK77]. **coupled** [Tza85].
course [Hug92]. **CRDB** [TS90]. **creative** [Tem88]. **criteria** [RE85, SWR85].
criterion [Spi85]. **critic** [SV92]. **critical** [Ano61, Sch80]. **CSS** [Spe85].
CSS-PASCAL [Spe85]. **CSTR** [ZMM94]. **cucumber** [SR85]. **current**
 [DR94]. **cyclical** [SFVvL92].

DAI [SRRP⁺94]. **DAI-DEPUR** [SRRP⁺94]. **dangerous** [BBG⁺88]. **Data**
 [D'I69, vdL94, BBO94, BJ92, BM85, CH85, DG94, Eng72, GK77, Har89,
 LŠT90, NKIT81, Nev85, Pfe94, Rod90, Šéd90, Sjö92, Sow81, TS90].
data-base [Eng72]. **data-based** [Nev85]. **data-driven** [Sow81]. **database**
 [BZ90, FQ90, FP94, GG90, JHJ90, OR88, Son90, Ste90]. **deadlines** [VHR92].
debugging [DISN77, TFMM81]. **Decentralized** [LL94, ACD⁺85].
decentrally [UW85]. **decision** [BJJ⁺92, BK85, Est85, Fan85, Osy85, SGZ89,
 Sta85b, Syd85a, Tam85, Wel85, Wit85, ZBZ85]. **decisions** [SS70].
Decomplexing [Bos77]. **decomposition** [Bak85, Put85, Syd85a].
decoupling [FJ92]. **dedicated** [Sch77]. **deep** [MS94]. **Definition**
 [McG78, HJ73]. **delay** [BFH85, LNYz89, Tza85, ZEZ89]. **demonstrating**
 [FHK88]. **department** [BBG⁺88]. **dependent** [Ben85a]. **deposition** [LS94].
depth [VPM94]. **DEPUR** [SRRP⁺94]. **Derivation** [NLÁR94, FQVM88].
Description [Cli61, BM61, LW69, Rus85, Sam61a, Sav80, Woo63]. **Design**
 [ASM88, Dij63b, MC92, Smi70, BJNR77, BJJ⁺92, Bri85, EB94, FQ90, Fle85,
 GLTD88, GM85, Hoo92, HD85, KTF92, KSŽ92, MEN77, Mes94, Moo90,
 Nau64b, NLÁR94, Ono89, PA88, PBMR94, Put85, SG85, SSSS94, TM85,
 Tos85, Ush81]. **designed** [Bri85]. **Designing**
 [SJ92, SNG94, DSD⁺88, SM89, Tem88, Tho77]. **designs** [Sch92]. **Detailed**
 [Sam61a]. **Detection**
 [MČ85, CSF92, DI92, Fra92b, LH92, PPMM94, Shi89, SG92, VM92, vS92].
DEUCE [Den60, Rob60]. **developers** [HBS92]. **Developing** [BSMS94].
Development [ACDM85, BBG⁺88, Kie92, Kop92, KJ92, PF92, ČŠ88, Fri92,
 GLR81, GMWK92, JL88, KLM⁺92, Kuv92, LMK77, Mar92, Mit88, PA88,
 RS92a, RPF⁺92, Spe85, VGQ94]. **device** [ES77]. **devoted** [LTK92].
diagnose [LCM94]. **diagnosis** [Ave92, BH92, BCD92, CBGG92, GMS94,
 How92, Hüb92, LS92, NAP92, PC92, ZMM94]. **diagnosis-state** [NAP92].
diagnostic [PvWD92]. **diagnostician** [YY92]. **diagrams** [Cas94]. **dialogue**
 [Sch77]. **Dice** [KJVB92]. **Dictionary** [OR88]. **Dictionary-supported**

[OR88]. **different** [Sch80]. **differential** [Cle60, Mor85]. **Digital** [Moo90, Dek85, Wos85]. **dim** [SC94]. **Dimensions** [Fin92]. **directed** [HGP92, Iro63]. **discrete** [DHD85, SM89]. **Discussion** [Ano77a, Ano77b, Ano77c, Ano77d, Ano77e, Ano77f, Ano61]. **distillation** [SGZ89]. **Distributed** [Har89, LM89, NHIK77, SRRP⁺94, Tos85, ADLD94, Ber92, BJJ⁺92, BZ90, Bra85, CCMM90, DG94, Dem85, DG80, FQ90, GLR81, Hal81, HJLT77, HGH⁺85, JH92, JHJ90, KHM81, LL94, LST90, ML92, MS94, Moo90, Rod90, RHJ⁺94, Sch94a, Sch94b, Séd90, Son90, TS90, Tho77, WHS77]. **Distribution** [Yas85, Rei85a, Sab77, YY92]. **documentation** [BGS80]. **down** [Hoo92]. **draft** [Dah85]. **drainage** [Kie92]. **drinking** [Wit92]. **driven** [Sow81]. **dual** [Eng85]. **Dynamic** [GCOA94, HJ73, Bak85, PC92, Pie85, RK85, Woo92]. **dynamical** [Ben85a, LS92, SAM85]. **dynamics** [BA92, MdCMC88]. **dynamize** [CW85].

E.S [BSMS94]. **ecology** [Stä85a, SKL85]. **ecosystems** [SKL85]. **Editorial** [Ano60f, Ano64d, Ano64b, Ano69]. **education** [Sau92]. **Educational** [MBK92]. **Effects** [Kuv92]. **efficient** [GRW88]. **effort** [ABDW94]. **electricity** [Sab77]. **Electronic** [MRL⁺94]. **elementary** [Dah85, KGN94]. **Elliott** [PF61]. **ellipsoid** [KMEK85]. **ellipsometry** [PPE⁺94]. **embedded** [Bes92, BLA94, Hoo92]. **emergency** [VM92]. **EMG** [HUS92]. **empirical** [Fra92a]. **employing** [NKIT81]. **empty** [ZBZ85]. **end** [GTW94, JA94]. **end-user** [JA94]. **engine** [MC92]. **engineering** [DSD⁺88, GRW88, Sav81, TM85]. **Enhancing** [GMWK92]. **Entscheidungsproblem** [Ano60c, Ano60b]. **Environment** [PF92, ADLD94, CNV⁺92a, JL88, KTF92, Kie92, Moo90, NK94, PvWD92, PFTD85]. **environments** [Áré92, CNV⁺92b, Pao92b]. **EPOS** [BGS80]. **equations** [Cle60, NAP92]. **error** [MS92a, PPM94]. **ESPRIT** [DISN77]. **estimation** [Har89, LMK77, MMO94, SG92, Unb85, VPM94, WB92]. **estimation/a** [Unb85]. **estimator** [vS92]. **Europe** [Ano92c]. **European** [PF92]. **Evaluation** [KHM81, BGS80, CSF92, KGN94, PKS88]. **Events** [Kry85, NAP92]. **evidence** [Sch85a]. **Evolution** [LOKK89, Voi85]. **example** [Bri85, FHK88, Ron60]. **Examples** [DI92]. **execution** [KGN94, PvWD92]. **executive** [Gaf88]. **executor** [Hal77]. **exhibiting** [LI92]. **exothermic** [Per92]. **expansions** [Tza85]. **Experience** [HW77, Par85, Wei88, CBGG92, Pay60]. **Experiences** [Bas92, MEN77, Pop85, Koc88, Sau92]. **experiment** [Wil64]. **experimental** [IM85, Spi85]. **experiments** [Sch85c, TW94]. **Expert** [Shi89, Áré92, BL89, CNV⁺92b, CNV⁺92a, EhGhS189, GSGPAT94, GRSA94, LN92a, LOKK89, MBK92, NK94, RK89, TZ89, WFR92, YLZ89]. **Explicit** [RP92]. **exploration** [TM85]. **Exponential** [PMH85]. **expressing** [Tay80]. **extended** [Ono89]. **extensible** [SY74]. **extensive** [Koc88]. **extraction** [RPF⁺92].

fact [Ste61, Cli61]. **Factors** [BJJ⁺92]. **failure** [CSF92, Shi89]. **failures** [BFH85, LCM94]. **fall** [FKKK81]. **fall-back** [FKKK81]. **Fault** [VM92, ZMM94, Ave92, BH92, DI92, Fra92b, LH92, PC92, PPMM94, SG92, YY92, vS92]. **feasibility** [Har92]. **features** [BGS80]. **fee** [Kie92]. **feedback** [BA92, BSF85, DS88, KMEK85, Ono89, VÁ89, Yas85]. **fermentation** [EhGhSl89, GSGPAT94, GMWK92, JST⁺92]. **fes** [SFVvL92]. **fes-induced** [SFVvL92]. **field** [Che85b, DSD⁺88, ES77]. **Fieldbus** [DR94]. **File** [Cla63, Ush81, McG69]. **films** [PPE⁺94]. **finding** [LD85]. **findings** [Ano92c]. **fingers** [HUS92]. **fire** [BBG⁺88]. **FIREX** [BBG⁺88]. **First** [Ano92c, BCSM94]. **fixed** [ABDW94]. **Flanex** [WFR92]. **flexible** [Ave92, HvALT92, Kap77, MS92a, Wei88, Wel85]. **flight** [McK92, VK94]. **flotation** [CSDM94]. **Flow** [Grz85, DG94, RWMC92, WFR92, Tay60]. **FLOW-MATIC** [Tay60]. **FMS** [PPMM94]. **follow** [XL85]. **following** [MRSS94, Puc94]. **force** [FS94]. **Forecast** [SKL85]. **forecasting** [Pop85, Ron60]. **Foreword** [BW85, Cre94]. **Form** [Bem69]. **Formal** [Ano88c, McG78, Wol85, LW69, NK92]. **formation** [Voi85]. **formula** [Cle60]. **formulae** [Maz61]. **Formulation** [BGS80]. **FORTTRAN** [Sch85b]. **four** [Ano60a]. **framework** [KJVB92, MS92b]. **friendly** [Fed85, NS92]. **front** [GTW94]. **full** [Sau92]. **full-time** [Sau92]. **function** [Arz92, MS92a, SM94]. **functional-oriented** [SM94]. **functional** [Tay80]. **functions** [MSL⁺94, NHIK77]. **Functor** [OTTK81]. **funds** [JKW85]. **furnace** [JX92, NLÁR94, WTI92]. **Further** [Den60, Rus92]. **fusion** [Har89]. **Future** [Gle60, Hal81]. **Fuzzy** [GCOA94, JVB92, WDM92, AJT94, Boe85, Bro94, CSDM94, Dum94, EhGhSl89, EB94, GCOA92, HJ94, KMO⁺92, LN92b, NLÁR94, Pfe94, SP94, VG94, YLZ89, ZMM94].

GAELIC [ICMM77]. **gain** [EB94, KMEK85]. **game** [BK85, Sam69]. **games** [Mor85]. **GAMM** [Ano60e]. **gas** [LH92]. **gases** [Gre85]. **GEC** [HJLT77]. **General** [IM72, Sam61b, BCD92, Lec73, MČ85]. **Generalized** [McG69, vW63]. **Generation** [Sch77, MMA92]. **Genetic** [Dub92, RNB92, Kar92, LN92b]. **genie** [Ili61]. **Geometric** [MMA92]. **GIER** [Nau64b]. **GKS** [FHK88]. **glass** [Wei85]. **Global** [HS85, JS85, Ben85a, ICMM77]. **goal** [MSL⁺94]. **goals** [Sta85b]. **goals-a** [Sta85b]. **goods** [BBG⁺88]. **GPSS** [Sch85b]. **GPSS-FORTTRAN** [Sch85b]. **GRAFCET** [LQM94, BDRS94]. **graph** [Dui85, UW85]. **graph-theoretic** [Dui85]. **graphic** [Ben85b]. **Graphical** [Chr85, Lec73]. **graphics** [Buc85]. **graphs** [Rei85b]. **grasp** [FS94]. **grate** [Jen92]. **greenhouse** [SR85]. **gripper** [KHP92]. **group** [Fan85]. **growth** [Bae61, PPE⁺94, PMH85, SR85]. **guidance** [VG94]. **guided** [MRL⁺94]. **guideway** [NIYY81].

hand [FS94]. **hard** [DG94, Gaf88, Mes94, Mot92]. **hard-real-time** [DG94]. **Hardware** [RK89, Tem94]. **hardware-software** [Tem94]. **HDDDBMS** [ZZY90]. **health** [BBS⁺88]. **heuristic** [MNV85]. **Hierarchical** [Rei85a, SSSS94, Buc85]. **High**

[DISN77, BP94, GL80, Kra85, Puc94, TS90, WHS77]. **high-level** [BP94]. **higher** [OTTK81]. **higher-level** [OTTK81]. **highly** [VS88]. **hint** [AAG⁺94, SNG94]. **hints** [MNV85]. **History** [Bem69]. **homogenization** [Lio85]. **Human** [JA94, HH92b, NS92]. **human-friendly** [NS92]. **Hybrid** [BDRS94, NLÁR94, WB92]. **hyperbolic** [Lio85].

I/O [KPR⁺80]. **IBM** [Fri64, Han60, Hum60]. **ideal** [Fri64]. **Identification** [Pfe94, Ben85a, GP94, HS85, JK85, LK85, Unb85]. **II** [BW61, Sam69, Smi70]. **image** [LMS94]. **impacts** [SKL85]. **implement** [CCMM90]. **Implementation** [HLH92, NS92, Sch80, GLTD88, GG90, HH88, Hal77, Kuv92, MEN77, Sab77, VS88]. **implementations** [Mos94]. **implemented** [Han94]. **Implementing** [CC85, Har92]. **improved** [IGM⁺94]. **improvement** [MS92b]. **improving** [SOJ92]. **Incidence** [BZ90]. **Incorporating** [KSŽ92]. **Increasing** [PPMM94]. **Incremental** [BG73, KHP92]. **Independent** [Dij63b, Cou69]. **index** [Ano85a, Ano85b, Ano85d, Ano88a, Ano88b, Ano89a, Ano89b, Ano90a, Ano90b, Ano92a, Ano92b, Ano92d, Ano92e, Ano94a, Ano94b, Ano94c]. **indoor** [VPM94]. **induced** [SFVvL92]. **inducing** [KMO⁺92]. **Induction** [HH92b]. **industrial** [CR92, GLTD88, Jen92, Kuv92, KM81, LwYz89, LA92, MAU⁺81]. **industries** [HPP85]. **inexact** [APPZ85]. **inference** [JVB92]. **inferencing** [Har89]. **influence** [BJ92]. **Influences** [HBS92]. **influencing** [BJJ⁺92]. **influential** [MČ85]. **informatics** [Sch85c]. **information** [BBS⁺88, Dał85, How92, Kop92, PKS88, PS85]. **infrared** [MRL⁺94]. **ingredient** [Wei85]. **inherently** [HH88]. **inheritance** [KKK92]. **inputs** [SV92]. **insensitive** [SG85]. **inspection** [CR92]. **instrument** [vS92]. **Integrated** [JL88, KGN94, Bri85, PKS88, RWMC92, RHJ⁺94]. **Integrating** [ABDW94, HR94, ZZY90]. **Integration** [Ben85b, MS92a, AAG⁺94, FHK88, IGM⁺94, Kun85, WHS77]. **Intelligence** [VGQ94, Efs92, JST⁺92, JX92, LS94, ML92, Mot92, Mot94, Pao94, VÁ89]. **Intelligent** [FCWM92, KHP92, ÅHP89, AAG⁺94, Ave92, HR94, HGM92, HH92a, JH92, KGN94, KJVB92, LL94, LTK92, LM89, MS94, MC92, NS92, Ono89, OHSH92, Pao92b, RPF⁺92, ZEZ89]. **Interaction** [TM85, HS85, JA94]. **Interactive** [Fed85, JKW85, MSTZ77, AFGvdS80, Osy85, PFTD85, Spi85, SWR85, Wit85]. **interconnected** [Eng85, HS85, Lun85]. **interconnection** [BK92]. **interdependent** [Sta85b]. **interface** [Buc85, Fed85, LTK92, RTC92]. **interfaces** [SNG94]. **Interference** [Rut61]. **internal** [KRK92]. **International** [Ano77g, Ano60e]. **interpretation** [BG73, OS60]. **interpretative** [Den60]. **interpreted** [AK90]. **interpretive** [AFGvdS80, Fel60, WHS77]. **Intertask** [Ste90]. **Intertask-communication** [Ste90]. **introduced** [Sow81]. **Introducing** [Sch92, Bas92]. **Introduction** [McG78, BL73]. **invariant** [Dui85]. **invariants** [GK80]. **inverse** [MdCMC88]. **investigated** [Rei85b]. **investment** [CW85]. **involved** [LD85]. **IPAS**

[HBS92]. **IPS** [PFTD85]. **iPSC** [And85]. **isolation** [CSF92]. **issues** [Dum94, Rod90, Sch85a, SAM85].

Japan [KM81]. **Jenkins** [Pop85]. **job** [Lei92]. **jobs** [Yas85]. **JOSS** [Smi70]. **JOVIAL** [Mar64, Sha63]. **Jump** [LI92].

Kernel [Voj77, BLA94, GLR81, G6r80]. **Keyword**

[Ano89b, Ano90b, Ano92d, Ano92e, Ano94c]. **Kimitsu** [IMF⁺81].

Knowledge [ARA⁺92, AH92, CR92, How92, IGM⁺94, LTK92, Lei92, LH92, RW89, VHR92, Arz92, BBG⁺88, Fin92, HLH92, JA94, KTF92, KM94, NSY92, NK92, PPMM94, SJ92, YJ89]. **Knowledge-based** [ARA⁺92, AH92, How92, RW89, VHR92, Arz92, BBG⁺88, Fin92, HLH92, KTF92]. **Kodak** [BL85]. **KRTM** [G6r80].

ladder [GMS94]. **landing** [Pie85]. **landing-approach** [Pie85]. **language**

[Ano60e, BBG⁺61, Bae61, BM61, Car85, Cou69, DISN77, DG80, Dub85, FP94, GL80, GTW94, HH88, HW77, IM72, Kry85, LMS94, LQM94, Lud81, Nau64a, Ono89, PS77, Ric61, RTC92, Sha63, Spe85, Wal80, Wil64, ICMM77].

Languages [Dij63b, Ano88d, Ben85b, Bri85, Chr85, DBG63, HJ73, SY74].

large

[Dui85, HGH⁺85, Kuv92, Mar92, MHS⁺88, OGF85, Stä85a, Tie85, XL85].

laser [LS94]. **learned** [MHS⁺88]. **Learning** [CVB85, GP94, KvD92, LCM94, RBSG94, Ber92, Dub92, FS94, Fin92, KHP92, Pfe94, Sam69, YY92, YLZ89].

Least [BCSM94, Sim85]. **Least-space-time-first** [BCSM94]. **leg** [SFVvL92].

Leontieff [CW85]. **less** [Séd90]. **lessons** [MHS⁺88]. **level**

[BP94, DISN77, GL80, Kuv92, OTTK81, WHS77]. **library** [BP94, Bro60].

lights [HJ94]. **limited** [Boe85]. **line**

[CR92, CC85, PC92, Rei85a, Rus85, UOH⁺81, Wei85, WFR92]. **linear**

[Ben85a, BJ92, Dov85, GKKP85, Gut85, Rei85b, TAR92, Tos85]. **linearly**

[Kiw85]. **linguistic** [Sta85b]. **linguistics** [Met64]. **link** [BM85, WB85].

liquids [Gre85]. **List** [Ano60a, Ano77h, Ano80, Ano85c, Wil64].

list-processing [Wil64]. **load** [NHIK77, XL85]. **local**

[Ben85a, JS85, Kel85, VG94]. **Log** [Bem69]. **Logic**

[LS92, CSF92, Dum94, GMS94, KSK94, RP92, VG94, ZZY90]. **Logic-based**

[LS92]. **Logical** [PBMR94]. **logically** [KK88]. **logics** [RKC85]. **loop**

[ACD⁺85, DS88, Mor85]. **loops** [DI92]. **loss** [BFH85]. **LOTOS** [FQVM88].

Low [KTF92, GLTD88, VG94]. **Low-cost** [KTF92, VG94]. **lower**

[SFVvL92]. **LTPL** [KPR⁺80]. **LTPL-E** [KPR⁺80].

Machine [Dij63b, YY92, Cou69, Meg60, RBSG94, Sam69, UOH⁺81, WI81].

machine-independent [Cou69]. **macro** [Bro69]. **MADCAP** [BW61].

magnetic [ES77]. **Making**

[Ano63e, Dij63d, BK85, Est85, Fan85, Osy85, Sta85b, Tam85, Wit85, ZBZ85].

management [Ano92c, BJJ⁺92, DS88, Fed85, Fri92, HK92, HBS92, Hug92,

JL88, KKK92, Koc88, LOKK89, MS92a, PB94, Sau92, Wei88]. **Managing** [DLP92]. **manipulator** [MdCMC88, MSTZ77]. **manufacturing** [DCA94, NK94, Wei85]. **map** [VBRD94]. **Mapping** [BP94, ES77]. **marine** [GP94]. **Mark** [PF61, PHW60]. **Markovian** [PV85, vS92]. **Maschine** [Sta85c]. **master** [Bos77]. **materials** [How92]. **MATH** [Tay60]. **MATH-MATIC** [Tay60]. **Mathematical** [Sar85, SKL85, AA85, Ger85, Loc85]. **MATIC** [Tay60]. **matrix** [CW85]. **maturity** [Kuv92]. **means** [Bor85, Elz80, Kuz85, Lun85, Rei85b]. **measure** [Vor85]. **measuring** [Ano92c, Wos85]. **mechanical** [Met64]. **mechanism** [Ber82, VS88]. **medicine** [Wit92]. **memory** [GJ85]. **MERCURY** [Bro60, BM61]. **metallurgical** [MP85]. **Metaparadigm** [KSZ92]. **method** [APPZ85, BFH85, FKKK81, HS85, KMO⁺92, KMEK85, SG92, Tay80, UW85, VG94, YJ89]. **Methodical** [Koc88]. **methodological** [BJNR77]. **methodologies** [MMW92]. **Methodology** [Dek85, AAG⁺94, BCD92, FQVM88, FPCN94, Kal85, NS92, Rus92]. **Methods** [ČS88, BL89, Eng85, Est85, GGG85, HBS92, Hin94, LQM94, LH92, MTK⁺94, SAM85, Unb85, Wei88]. **MFM** [Lar92]. **Microcomputer** [NIYY81]. **Microprocessor** [PA88, Sow81, WHS77]. **microprocessors** [Kun85]. **Microsoft** [Fri92]. **mill** [JHJ90]. **mind** [Moo90]. **mine** [MS94]. **mineral** [MP85]. **minimax** [Obe85]. **minimization** [Kiw85]. **Minimum** [WB85]. **Minimum-time** [WB85]. **MIP** [ARA⁺92]. **mix** [ZEZ89]. **mixed** [YKI92]. **MMOSS** [Fan94]. **mobile** [KvD92, MMO94, VG94, VPM94]. **mode** [HvALT92]. **mode-switch** [HvALT92]. **Model** [CBGG92, Hüb92, Lar92, NAP92, SR85, BCD92, BTM92, Dah85, FQ90, Fra92b, Gaf88, GJ85, HK92, HK85, KPR⁺80, KRK92, LH92, OTTK81, PvWD92, Sch85c, Wol85, ZBZ85]. **Model-based** [CBGG92, Hüb92, Lar92, NAP92, Fra92b, PvWD92]. **modeling** [BI85, Loc85, Par85]. **Modelling** [AK90, Dab85, LNYz89, BDRS94, Ger85, Gre85, Kal85, LI92, MMW92, NS92, RLM94, Stä85a, Tie85, TAR92, Wos85]. **Models** [TKD85, Ave92, Ben85a, CW85, Lun85, NLÁR94, PMH85, Pie85, PV85, Sar85, SOJ92, Sch85c]. **modern** [Wei88]. **modified** [Kuz85]. **MODULA** [Ahr85, HW77, GLTD88]. **MODULA-2** [Ahr85, GLTD88]. **Modulas** [Dub85]. **Modulas-1** [Dub85]. **moisture** [ZEZ89]. **Monitoring** [BH92, Mor92, ČS88, Cor94, LTK92, LST90, LM89, Pao94, PPE⁺94, RPF⁺92, RLM94]. **monitors** [RBSG94]. **MORSAF** [PB94]. **motor** [LOKK89]. **movable** [Wol85]. **movements** [SFVvL92]. **multi** [BCD92, HKM77, Har89, HH63, Mar92, NKIT81, NHIK77, RE85, Sow81, Spi85, SWR85]. **multi-computer** [NHIK77]. **multi-criteria** [RE85, SWR85]. **multi-criterion** [Spi85]. **multi-microprocessor** [Sow81]. **multi-model-based** [BCD92]. **multi-national** [Mar92]. **multi-pass** [HH63]. **multi-processor** [HKM77, NKIT81]. **multi-sensor** [Har89]. **multicriteria** [Est85]. **Multicriterial** [ZBZ85, BK85]. **multicriterion** [Osy85]. **multidimensional** [MS92b]. **multifingered** [KHP92]. **multilevel** [Wal80]. **multimedia** [Fan94, NY94]. **Multiobjective**

[SG85, Tam85, Fle85, Gut85, Kiw85, Wit85]. **multiphase** [SSSS94].
Multiple [MSL⁺94, BCSM94, Obe85]. **Multiple-goal** [MSL⁺94].
Multiprocessor [TAT81, GJ85, VK85]. **multiprograms** [Gór80].
multirecursive [Sim85]. **multithreaded** [BLA94]. **Multivalued** [CSF92].
myth [Ste61].

N [SC94]. **N-dim** [SC94]. **NARMAX** [FJ92]. **national** [Mar92]. **Natural**
 [GTW94, RTC92, Gre85, SKL85]. **Navigation** [MMO94, KvD92, VPM94].
navigator [Zha92]. **NECTAR** [VK94]. **NECTAR-project** [VK94].
needed [Mot92]. **negotiations** [JKW85]. **net**
 [GK77, PCY92, Pao92a, PPE⁺94]. **nets** [AK90, Ger85, Kuz85, Sta85c, Szl77].
network [ACDM85, AFGvdS80, Ave92, CA94, DCA94, Grz85, KRK92,
 LwYz89, LI92, MRSS94, Mor92, Sjö92, SFVvL92, YKI92, YY92]. **networks**
 [ACD⁺85, BJ92, CTW94, GMWK92, HUS92, Kel85, McK92, MMW92, Par85,
 RLM94, SKKG94, VK94, ZMM94]. **Netz** [Sta85c]. **Neural**
 [Ave92, CA94, CTW94, FS94, LwYz89, LI92, McK92, MMW92, PCY92,
 Pao92a, PPE⁺94, BJ92, DCA94, GMWK92, Han94, HUS92, KRK92, MRSS94,
 Mor92, PBMR94, RLM94, SKKG94, Sjö92, SFVvL92, VK94, YKI92, ZMM94].
Neural-based [FS94]. **Neural-net** [PCY92, PPE⁺94]. **neurally** [HGP92].
neurofuzzy [MBH94]. **Nippon** [IMF⁺81]. **No** [NKIT81]. **non**
 [Ben85a, BJ92, Dov85, SWR85, TFMM81]. **non-linear** [Ben85a, BJ92].
nondominated [Boe85]. **nonlinear** [BSF85, FJ92, GKKP85, GCOA92,
 GGG85, HPP85, LNYz89, LK85, LD85, MČ85, RKC85, Zha92]. **nonsmooth**
 [Kiw85]. **note** [Ano63d, Tem94]. **nuclear** [Tza85, XL85]. **number**
 [BFH85, Boe85, Dui85, Yas85]. **numbers** [Ano60c, Ano60b]. **Numerical**
 [Kun85, LD85, Obe85, Ili61, PV85, WI81]. **numerically** [Meg60].

O [KPR⁺80]. **Object** [ASM88, BJJ⁺92, GSGPAT94, Ono89, Woł85, ZZY90].
object-oriented [GSGPAT94, Ono89]. **Objective** [Syd85a, MSL⁺94].
Objective-oriented [Syd85a]. **objects** [CCMM90, Dem85, LM89].
observations [Woo63]. **observer** [MMA92]. **observer-based** [MMA92].
on-board [NIYY81]. **On-line**
 [PC92, UOH⁺81, Wei85, CR92, CC85, Rei85a, Rus85]. **one**
 [Ano60c, Ano60b, Wit92]. **op** [Kuz85]. **open** [Mor85]. **open-loop** [Mor85].
Opening [Boo60]. **operating**
 [BJNR77, Fan94, GLR81, Han60, MR94, MEN77, OTTK81, Sch77].
Operational [Pay60]. **optical** [PPE⁺94]. **Optimal** [Dem85, GKKP85,
 Kra85, MP85, Pie85, rnhWS85, SKKG94, XL85, AA85, ACDM85, BSF85,
 Dov85, Gut85, JS85, LD85, McK92, Nev85, RK85, YKI92, dJM85].
Optimization
 [GM85, Eng85, Fle85, GGG85, Gut85, KMEK85, MSL⁺94, Pao94, RE85,
 SR85, SS70, Spi85, SWR85, SKL85, TM85, Vál85, Voi85, Wit85].
optimization-based [SWR85, TM85]. **Optimizing** [Bor85]. **ORACLE**
 [FHK88]. **oral** [MRL⁺94]. **ordinary** [Cle60]. **Organisation** [Mar92, BK92].

organization [Eng72, IM85, RS92a]. **Oriented** [ASM88, GK80, ES77, GSGPAT94, Grz85, Kry85, Ono89, Sch94b, SM94, Syd85a]. **orthogonal** [AA85]. **oscillations** [XL85]. **output** [GCOA94]. **over-specification** [KK88]. **overlapping** [Bak85]. **own** [Wit92].

P [FCWM92]. **package** [BL85, MAU⁺81, Rus85]. **packet** [Grz85]. **packet-switched** [Grz85]. **papers** [Dij63a, VR92]. **parabolic** [Poh85]. **paradigm** [KvD92, Mot92, RHJ⁺94, ZZY90]. **paradigms** [BBC⁺92a]. **Parallel** [FJ92, SAM85, Dek85, Hal77, Han94, Kun85, Szl77]. **Parameter** [JK85, MTK⁺94, SG92, Tza85, Unb85]. **parameterized** [Met64]. **parameters** [BZ90, Bra85, Dem85]. **parametric** [Wol85]. **parametrization** [Mor85]. **Pareto** [Gut85, ZBZ85]. **participants** [Ano60a, Ano77h, Ano80, Ano94d]. **participation** [JA94]. **Particle** [Gre85]. **particularity** [Dah85]. **PASCAL** [Spe85]. **Pascalism** [Kry85]. **pass** [HH63]. **Pattern** [SL92b, HUS92, LNYz89]. **PCSL** [Lud80]. **pearl** [HH88, TBR⁺94]. **pearl-based** [TBR⁺94]. **PEARL's** [BP94]. **PEGASUS** [Fel60, Pay60, Ron60]. **penicillin** [EhGhSl89]. **perfect** [SJ92, SOJ92]. **perfect-models** [SOJ92]. **Performance** [BI85, MTK⁺94, BJ92, BZ90, Kra85, MR94, Puc94]. **perspective** [BJT⁺94, Pao94]. **Petri** [AK90, Kuz85, Sta85c, Szl77]. **Petri-Netz-Maschine** [Sta85c]. **petrochemical** [PB94]. **Phase** [Zha92]. **Phenomena** [LI92, WB92]. **philosophy** [Gil60, Pop85, Smi70]. **phrase** [BM61]. **physical** [OGF85]. **PID** [ÅHP89, HLH92]. **piecewise** [TAR92]. **pilot** [SKKG94]. **pipelined** [KHM81]. **PL** [LW69]. **PL/I** [LW69]. **Planning** [Bes92, BBS⁺88, Fed85, Fri92, Mel88, SC94]. **plant** [Dov85, LI92, NKIT81, PB94, SR85]. **plants** [AJT94, How92, LŠT90, RK89]. **Plenary** [VR92]. **points** [MČ85]. **pole** [Tos85]. **policies** [ACDM85, MP85]. **policy** [BCSM94, Sch85a]. **Politico** [Bem69]. **Politico-Social** [Bem69]. **poor** [How92]. **populations** [Sar85]. **position** [MMO94]. **power** [HH92a, LŠT90, Mor92, TAT81, VM92, YY92]. **practitioner** [BK92, Hug92]. **pre** [Sjō92]. **pre-processing** [Sjō92]. **Predicting** [SOJ92]. **predictive** [PCY92]. **Preface** [Ano81, Ano89c, Di 85, EH92, Goo60, Goo61, Goo64, Haa80, Hal94, Knu90, RS92b, Sme77, Syd85b]. **Preliminary** [Ano60e]. **Preprocessing** [SV92]. **presence** [GJ85]. **press** [BK92]. **principle** [Mit88]. **Principles** [Bro60, Fra92b, Stä85a]. **priority** [ABDW94, Son90]. **priority-based** [Son90]. **problem** [ACD⁺85, ML85]. **Problems** [Kal85, AA85, APPZ85, GKKP85, GGG85, GM85, Gut85, Hug92, LD85, MČ85, NK94, Obe85, RE85, Red60, Sch85c, SWR85, Syd85a, Vál85, Wit85, Wos85, dJM85]. **procedural** [Har92]. **procedure** [LMK77, Pop85, Rut61, Spi85]. **procedures** [GMWK92, Rut63]. **Process** [JX92, Lud80, NSY92, Séd90, SL92a, ARA⁺92, AAG⁺94, BSMS94, BTM92, Bro94, Car85, CSDM94, CBGG92, Cor94, CNV⁺92a, DISN77, Efs92, Fis85, FJ92, GL80, GSGPAT94, GRSA94, HPP85, HK92, HGH⁺85, IMF⁺81, JA94, Kap77, Kar92, KSŽ92, Kuz85, LS94, LTK92, LOKK89, LS92, MS92b,

MMW92, NKIT81, Pao94, Per92, PEGR80, RBSG94, RNB92, RPF⁺92, RTC92, Rus92, RLM94, SR85, Sch80, TBR⁺94, Tho77, VK85, Wei85, vdL94]. **process-automation** [TBR⁺94]. **processes** [EhGhSl89, HvALT92, JST⁺92, KCP85, LwYz89, LA92, MBK92, PMH85, PS77, PV85, Wel85, Woo63, ZEZ89]. **processing** [Cla63, HJLT77, KHM81, LMS94, MP85, McG69, NK92, Sjö92, Wil64]. **processor** [BCSM94, HKM77, KHM81, NKIT81, Yas85]. **processor-sharing** [Yas85]. **processors** [Bro69, Dek85]. **PRODAT** [FQVM88]. **production** [LwYz89]. **productivity** [ČS88, Kuv92]. **professionals** [Sau92]. **Program** [FKKK81, Ano77g, Bro60, Fri64, OTTK81, Ron60]. **programmable** [Chr85, TBR⁺94]. **Programming** [Ano88d, Dij63b, AA85, Ano60d, Bae61, Ben85b, Buc85, Car85, Chr85, Cus60, Dov85, DG80, Elz80, FHK88, GKPP85, Gil60, Gle60, GGG85, HJ73, HPP85, Hin94, HW77, IM72, IMF⁺81, KPR⁺80, KSK94, Lec73, LD85, Meg60, Mos94, PFTD85, RKC85, Rob60, Sch94b, SM94, Sha63, SY74, Spe85, Tay60, WI81, Woo63, dJM85]. **programs** [Ahr85, Cou69, DG94, Den60, Fel60, Szl77, Szm88]. **Progress** [DBG63, Sam69]. **Project** [KKK92, ARA⁺92, AAG⁺94, BJJ⁺92, DS88, FQVM88, Fri92, HK92, HBS92, Hug92, JL88, Koc88, Mel88, MHS⁺88, Sau92, VK94, Wei88, Fri92]. **projects** [DLP92, Fri92, JS85, KZ88, Sto88]. **proof** [LQM94]. **Properties** [KRK92, KMP⁺94, Rei85b, Szl77]. **prospective** [Bes92]. **prosthetic** [HUS92]. **PROSUS** [MAU⁺81]. **protocol** [NY94]. **protocols** [KK88, Son90]. **prototype** [BJJ⁺92]. **prototyping** [ADLD94, MTK⁺94, OR88]. **proving** [Pir73, Szl77]. **pulsed** [LS94]. **purpose** [Lec73].

quadratic [dJM85]. **Qualitative** [TAR92, UJFB92, MTK⁺94, NSY92]. **quality** [Bas92, BL85, CC85, DCA94, HBS92, PKS88, Rus85, Ule85]. **quantitative** [NSY92]. **quasi** [Che85b]. **quasi-field** [Che85b]. **query** [FP94]. **queue** [Yas85]. **queueing** [ACDM85].

RAM [MMO94]. **RAM-1** [MMO94]. **random** [Bor85]. **randomly** [Che85a]. **rapid** [NIYY81]. **Rapidwrite** [Hum63]. **reactor** [Tza85, XL85]. **REAKT** [BBO94, KM94, VGQ94]. **REAKT1** [FPCN94]. **Real** [ASM88, And85, BGS80, CSDM94, GL80, GK77, Han94, LN92b, LA92, NIYY81, Pao92b, Rod90, SC94, Sow81, VPM94, WI81, Áré92, ARA⁺92, ADLD94, AFGvdS80, Ano88d, AK90, Arz92, BBC⁺92a, BL89, BP94, Ben85b, Bes92, BJNR77, BCSM94, CR92, CNV⁺92b, CNV⁺92a, DG94, Dub85, Dum94, Elz80, Fan94, FQ90, Fin92, FP94, FLMS92, FHK88, FKKK81, Gaf88, GLR81, GK80, GRSA94, Gór80, HH88, HPP85, Har89, HR94, Hin94, Hoo92, HJLT77, HD85, JVB92, JHJ90, KPR⁺80, KM94, KHP92, KJVB92, KJ92, LMS94, LŠT90, LwYz89, LN92a, LOKK89, LM89, ML92, MdCMC88, MEN77, Mes94, MTK⁺94, Mos94, Mot92, Mot94, NY94, NLÁR94, PvWD92, PB94, PS85, RP92, RK89, RW89, RHJ⁺94, SRRP⁺94, SJ92, Sch94a, Sch94b, SM94, Sha63, SM89, Son90, Ste90, Szm88, SSSS94, TS90]. **real**

[Tay80, Tem88, TZ89, TFMM81, Ush81, VGQ94, VBRD94, VHR92, Voj77, YJ89, ICMM77, vdL94]. **Real-Time**
 [Rod90, And85, BGS80, GL80, GK77, Han94, LN92b, LA92, NIYY81, Pao92b, VPM94, LMS94, Ár92, ARA⁺92, AFGvdS80, Ano88d, AK90, Arz92, BBC⁺92a, BL89, BP94, Ben85b, Bes92, BJNR77, BCSM94, CR92, CNV⁺92b, Dub85, Elz80, Fan94, FQ90, Fin92, FP94, FLMS92, GLR81, HH88, HR94, Hin94, Hoo92, HJLT77, HD85, JVB92, JHJ90, KPR⁺80, KHP92, KJVB92, KJ92, LST90, LwYz89, LN92a, LOKK89, LM89, ML92, MdCMC88, MEN77, Mos94, Mot92, Mot94, NY94, NLÁR94, PvWD92, PB94, RP92, RK89, RW89, RHJ⁺94, SRRP⁺94, SJ92, Sch94a, Sch94b, SM94, Sha63, Son90, Ste90, Szm88, SSSS94, Tay80, Tem88, Ush81, VGQ94, Voj77, YJ89, vdL94]. **real-world** [SM89]. **reality** [Daḡ85]. **realization** [PA88]. **realizing** [Tho77]. **realtime** [MR94, Sch77]. **reasoning**
 [BBO94, Hüb92, LN92a, RC92, UJFB92]. **recognition**
 [CVB85, HUS92, LNYz89, SL92b]. **Recovery** [OHS92, PPMM94, Sto88]. **recruitment** [Ber92]. **recursive** [Cas94, Rut63]. **refinement** [TM85]. **region** [BBS⁺88]. **regional** [Rei85a]. **regions** [Sch80]. **Regularization** [Sjö92]. **regulators** [Fle85]. **reheating** [WTI92]. **Reinforcement** [Ber92, KvD92]. **Relay** [GMS94]. **reliability** [TS90, vS92]. **reliable** [HH88]. **reorganization** [Gre85]. **repair** [BFH85]. **repeated** [TFMM81]. **Report** [BBG⁺61, Ano60e, Nau64a]. **representation**
 [BBO94, CR92, D'I69, LTK92, PPMM94]. **representations** [Woo92]. **represented** [PV85]. **Requirements**
 [BCD⁺80, DR94, LMS94, HBS92, Tay80, Ule85]. **research** [JKW85, VK94]. **residual** [CSF92, MMA92, PC92]. **resilient** [CCMM90]. **resolution** [Pir73]. **Resource** [Elz80, JS85]. **resources** [Fed85]. **response** [SOJ92]. **response-times** [SOJ92]. **Restarting** [Dov85]. **Results** [HBS92, Par85]. **reusable** [Kop92]. **reuse** [BK92, Fra92a, RWMC92, Sch92, Wit92]. **Reusing** [Wit92]. **Revised** [Nau64a]. **Rigas** [CNV⁺92b]. **right** [Lei92]. **rights** [Elz80]. **Road** [MRSS94]. **robot**
 [CTW94, FS94, KHP92, KvD92, MdCMC88, MMO94, VPM94, WB85]. **robots** [KGN94, LL94, TKD85, VG94]. **Robust** [EB94, PC92, Poh85]. **room** [MC92]. **routing** [ACD⁺85, ACDM85]. **RT** [FP94]. **RT-SQL** [FP94]. **rule** [Bro94, JVB92, SGZ89]. **rule-based** [Bro94, JVB92, SGZ89]. **rulebase** [SP94]. **rules** [HH92b, KMO⁺92, LN92b, Pfe94]. **run** [BP94]. **run-Time** [BP94]. **runs** [TFMM81].

safe [HH88, VS88]. **SAKO** [Luk61, Maz61]. **sales** [Ron60]. **satellites** [SKKG94]. **satisfy** [VHR92]. **Scalarizing** [Wit85]. **scale**
 [Dui85, OGF85, Stä85a, Tie85, Wei85]. **schedulability** [DG94]. **scheduling** [ABDW94, BCSM94, LwYz89, TW94]. **schema** [PPMM94]. **scheme** [CSF92, HH63]. **schemes** [vS92]. **Scientific** [Sch85a]. **SEAL** [Cla63]. **search** [Bor85, MNV85]. **second** [Séd90]. **Selecting** [Lei92]. **selection** [BJ92, Boe85]. **self** [Gre85, IM85, Poh85, Wil64, YLZ89]. **self-compiling**

[Wil64]. **self-learning** [YLZ89]. **self-organization** [IM85].
self-reorganization [Gre85]. **self-tuning** [Poh85]. **semiconductor**
[PPE⁺94]. **semilinear** [Poh85]. **sensor** [Har89, LH92, Shi89]. **sensors**
[MRL⁺94]. **separation** [Mit88]. **sequence** [JS85]. **sequencing** [SS70].
Sequential [Arz92, PS77, SM94, dJM85]. **series** [HJLT77, Pop85, Tza85].
server [CNV⁺92b]. **set** [Gut85, RKC85, Tho77, ZBZ85]. **shaft** [MS94].
shape [Hug92]. **share** [Han60]. **sharing** [NHIK77, Yas85]. **shell**
[GSGPAT94, TZ89]. **ship** [MC92]. **shooting** [Obe85]. **short** [Ano60d].
should [Bri85, Rei85b]. **signals** [TZ89]. **simple** [GG90, OS60, Wil64].
Simula [IM72]. **Simulation**
[Kel85, Ahr85, Fed85, HK85, Kal85, Kuz85, MS94, NS92, Par85, PFTD85,
SAM85, Spe85, Stä85a, Tie85, TAR92, TKD85, VK85, Vor85]. **sinterplants**
[ZEZ89]. **SISO** [PA88]. **situation** [HBS92]. **situations** [CVB85, KSZ92].
skill [HH92b]. **skills** [BJT⁺94, KGN94]. **Slab** [WTI92]. **sludge** [AJT94].
small [EB94, Ush81]. **Smoothing** [Gut85]. **Social** [Bem69, Dah85]. **Soft**
[Fan94]. **Software** [CH85, DSD⁺88, Fra92a, HKM77, HGH⁺85, JH92,
KLM⁺92, PS77, PF92, RK85, Sau92, Ule85, Ano92c, AK90, Bas92, BBC⁺92b,
ČŠ88, DLP92, FHK88, Fri92, GRW88, HK92, HBS92, Hug92, JL88, Koc88,
KZ88, KSZ92, Kop92, Kuv92, LMK77, Lud80, Mel88, MHS⁺88, Mit88,
MS92b, MAU⁺81, RWMC92, RS92a, RK89, Sch92, Sta85c, Sto88, SWR85,
SSSS94, Tem88, Tem94, Tho77, TFMM81, Wei88, WHS77, Wit92].
software-process [MS92b]. **SOLDA** [DISN77]. **solids** [Gre85]. **solution**
[ACD⁺85]. **solutions** [DR94, Gut85, Mor85, Vál85]. **solvent** [RPF⁺92].
solving [GGG85, Sch85c]. **Some** [DBG63, Loc85, Red60, Sam69, Tie85,
TW94, Woo63, Wos85, Den60, Est85, Szl77]. **sonar** [Puc94]. **sonar-based**
[Puc94]. **source** [DBG63, DISN77]. **Space**
[PF92, Ben85a, BCSM94, SC94, Zha92]. **spaces** [YY92, Zha92]. **Spatio**
[DR94]. **Spatio-temporal** [DR94]. **special** [GGG85]. **specific**
[Fri64, RBSG94]. **Specification** [GLTD88, GG90, KMP⁺94, Lud81, Ano88c,
GK80, KK88, LTK92, Lud80, PS77, Sav81, TM85]. **specifications**
[BCD⁺80]. **speculative** [Mot94]. **spreadsheet** [KZ88]. **spy** [VS88]. **SQL**
[FP94]. **squares** [Sim85]. **Stability** [BA92, GCOA92, Lun85, Mor92].
stabilizable [UW85]. **stabilizers** [HH92a]. **stack** [VBRD94]. **Stackelberg**
[ML85]. **stacks** [BG64]. **standard** [FHK88]. **STANTEC** [OS60].
STANTEC-ZEBRA [OS60]. **state**
[AA85, Ben85a, GL80, HS85, NAP92, SC94, SG92, dJM85, vS92].
state-estimator-based [vS92]. **state-space** [Ben85a]. **state-space-models**
[Ben85a]. **Statecharts** [BDRS94]. **station** [HD85]. **statistical**
[Ave92, CC85, Fis85, Rus85, Ule85, Wei85]. **steady** [HS85]. **steady-state**
[HS85]. **Steel** [IMF⁺81, DCA94]. **steelmaking** [NKIT81]. **step** [Tem88].
Steps [Hal77]. **Stepwise** [MS92b]. **Stochastic** [Che85a, GJ85, MP85].
storage [D'I69]. **stormwater** [Kie92]. **strategies** [LD85]. **strategy** [NK92].
strip [DCA94]. **Structural** [Rei85b, WB92]. **Structure**
[Voi85, BM61, Iro63, LS92, Ono89, OGF85, RK89, YKI92]. **structured**

[FP94, Loc85, MEN77]. **structures** [D'I69, HH88]. **Structuring** [Hüb92, Wal80]. **studies** [Rus92, RLM94, Sam69]. **study** [Har92, KLM⁺92, Kuv92, LOKK89, MS94, Mot94, RKC85, SKKG94]. **Subject** [Ano85d, Dah85]. **subroutines** [Maz61]. **substantially** [Bra85]. **substitute** [Sjö92]. **subsystem** [Fan94, Lun85]. **subsystems** [LL94]. **successful** [GRSA94]. **sum** [Mor85]. **Supervision** [Per92, BTM92, CBGG92, Cor94, IGM⁺94, JA94, LTK92, RBSG94, SRRP⁺94]. **supervisor** [MC92, SM89]. **Supervisory** [HvALT92, Har89, LA92, PvWD92]. **supplementary** [HH92a]. **support** [BJJ⁺92, BK92, DS88, Fan94, Fri64]. **supported** [OR88]. **Supporting** [ASM88, BK85, Mos94]. **supports** [Gór80]. **survey** [Áré92, Bro69, RNB92, SY74, Unb85]. **susceptible** [BFH85]. **switch** [HvALT92]. **switched** [Grz85]. **synchronization** [Son90]. **Synchronized** [Sch94a]. **syntax** [HJ73, Iro63]. **Synthesis** [YKI92, Zha92]. **System** [Sta85b, Unb85, Áré92, BBG⁺88, BK92, Buc85, CNV⁺92a, Dah85, DISN77, DCA94, DG80, ES77, Fan94, Fin92, Fri64, Gaf88, GCOA92, GLTD88, GLR81, GJ85, GSGPAT94, GG90, GRSA94, GK77, Han60, HH92a, HJLT77, Ili61, IMF⁺81, IM85, JKW85, JHJ90, JX92, Kar92, KHM81, LNYz89, Lec73, LN92a, Luk61, MdCMC88, MEN77, MTK⁺94, Mor92, NKIT81, NS92, NHIK77, NIYY81, OGF85, Osy85, PHW60, RK89, RPF⁺92, Sav80, Sch94b, Shi89, SGZ89, Sow81, Spe85, SWR85, TAT81, TS90, Tie85, TZ89, UOH⁺81, Ush81, Voj77, WFR92, YJ89, ZEZ89]. **systematic** [HK85]. **Systems** [Bra85, Che85b, GCOA94, ARA⁺92, AAG⁺94, ADLD94, BCD92, Bak85, BFH85, BA92, BL89, BJ92, BI85, Bes92, BJNR77, BCSM94, BDRS94, Bor85, BBS⁺88, BLA94, CSF92, CVB85, CCMM90, CR92, Cou69, Dah85, DHD85, Dui85, Eng85, FPCN94, FKKK81, GTW94, GCOA92, GGG85, GK80, GM85, HKM77, HH88, Hal81, HS85, Hoo92, HGH⁺85, Hüb92, HD85, JH92, JK85, Kal85, KM94, Kop92, KJ92, Kun85, Lio85, Loc85, LOKK89, Lun85, LS92, MR94, MSL⁺94, Mar92, MBH94, NK94, NS92, Ono89, OGF85, PvWD92, PC92, PKS88, Poh85, PV85, Put85, RP92, Rei85a, Rei85b, RW89, RHJ⁺94, RK85, SP94, SJ92, rnhWS85, Sch94a, Sch80, Sch77, SM94, SG85, Sha63, SAM85, Son90, Stä85a, Tay60, Tay80, Tho77, TM85, Tos85, UW85, VM92, VK85, VS88, Wal80]. **systems** [WHS77, Woo92, Wos85, Zha92, vdL94].

tandem [JHJ90]. **tank** [Wei85]. **target** [HGP92]. **target-directed** [HGP92]. **Task** [TBR⁺94, CNV⁺92b, GP94, MSL⁺94, Sch94b]. **Task-configuration** [TBR⁺94]. **task-oriented** [Sch94b]. **tasks** [BCSM94, LCM94]. **team** [JL88]. **technically** [Sch85a]. **technique** [DS88]. **Techniques** [BBC⁺92b, BJT⁺94, CC85, Dov85, Efs92, HR94, LD85, Sch80, SM89]. **technological** [MBK92]. **technology** [Kal85, KM81]. **telerobotic** [HGM92]. **temperature** [WTI92]. **Temporal** [BBO94, RC92, DR94, Hüb92, RP92]. **terms** [BM61]. **test** [GTW94]. **tests** [Ave92]. **textual** [Ben85b]. **their** [D'I69]. **theorem** [Pir73]. **theoretic** [Dui85, Tam85, UW85]. **theory** [Che85b, Dah85, GCOA92, Lio85, Loc85, ML85, WB92]. **three** [Ano60d].

TIDE [Hum60]. **Time** [ASM88, LMS94, Rod90, Ár92, ARA⁺92, ADLD94, AFGvdS80, And85, Ano88d, AK90, Arz92, BBC⁺92a, BL89, BP94, Ben85b, Bes92, BJNR77, BGS80, BCSM94, CSDM94, Che85a, CR92, CNV⁺92b, CNV⁺92a, DG94, Dub85, Elz80, Fan94, FQ90, Fin92, FP94, FLMS92, FHK88, FKKK81, Gaf88, GL80, GLR81, GK80, GRSA94, GK77, Gór80, HH88, HPP85, Han94, Har89, HR94, Hin94, Hoo92, HJLT77, HD85, JVB92, JS85, JHJ90, KPR⁺80, KM94, KHP92, KJVB92, KJ92, LNYz89, LST90, LwYz89, LN92b, LA92, LN92a, LOKK89, LM89, ML92, MdCMC88, MEN77, Mes94, MTK⁺94, Mos94, Mot92, Mot94, NY94, NLÁR94, NIYY81, Pao92b, PvWD92, PB94, PS85, Pop85, RP92, RK89, RW89, RHJ⁺94, SRRP⁺94, SJ92, Sau92, Sch94a, Sch94b, SM94, Sha63, SC94, Son90, Sow81, Ste90, Szm88, SSSS94, TS90]. **time** [Tay80, Tem88, TZ89, TFMM81, Ush81, VPM94, VGQ94, VBRD94, VHR92, Voj77, WI81, WB85, YJ89, ZEZ89, ICMM77, vdL94]. **time-delay** [LNYz89, ZEZ89]. **time-optimal** [JS85]. **time-varying** [Che85a]. **times** [SOJ92]. **timing** [KMP⁺94]. **Today** [BCD⁺80]. **tomorrow** [BCD⁺80]. **tool** [ASM88, BK92, DS88, Fis85, Fri92, GRW88, KMP⁺94, Lei92, PA88, RBSG94, Sta85c, TFMM81, WI81]. **tool-to-organisation** [BK92]. **toolkit** [VGQ94]. **tools** [BBC⁺92b, BSMS94, HBS92, JH92, MMA92, Meg60, Tho77, Wit92]. **Top** [Hoo92]. **Top-down** [Hoo92]. **tradeoff** [TM85]. **traditional** [BJT⁺94]. **traffic** [HJ94]. **Training** [MBH94, BJ92, Sau92, Sjö92]. **trajectories** [Pie85]. **Trajectory** [Put85]. **transit** [NIYY81]. **transition** [NAP92]. **translating** [Den60]. **translation** [Cle60, HH63]. **Translator** [Ano63a, Ano63e, Cli61, Dij63a, Dij63c, Dij63d, Hig63]. **Transport** [NY94, BBG⁺88, KCP85]. **TREAC** [PHW60]. **treated** [GKKP85]. **treatment** [Obe85]. **Trends** [Mot94, Gle60, Hal81, Loc85]. **trilogy** [PS85]. **truncated** [Che85a]. **tundra** [Sar85]. **tuner** [HLH92]. **tuning** [FCWM92, KGN94, MTK⁺94, Poh85]. **tunnel** [Kra85]. **turbines** [LH92]. **tutorial** [Eng72]. **Two** [Ano60e, Dij63a, LQM94, Pie85, WB85]. **two-link** [WB85].

ultrasonic [MRL⁺94]. **uncertain** [BA92, MMO94]. **UNCOL** [Ste61]. **unifield** [LN92a]. **Universal** [KCP85, KPR⁺80, Red60]. **UNIX** [BP94, BSMS94]. **Use** [Sch85c, BG64, DG80, FHK88, GK80, HPP85, Ili61, Iro63, Maz61, Rut63, Sav81, VHR92]. **used** [NKIT81, Put85]. **user** [ES77, Fed85, JA94, SNG94]. **user-interface** [Fed85]. **uses** [MNV85]. **Using** [CCMM90, FLMS92, Fri92, Hug92, Jen92, SM89, AK90, Ben85a, BSMS94, BDRS94, Fle85, GCOA92, HJLT77, Kar92, Lar92, LN92b, MRSS94, MS92a, Mor92, Pop85, Rus92, RLM94, Sam69, Sch80, SG92, Tza85, UOH⁺81, Unb85, VG94, WTI92, YKI92, YY92, ZMM94]. **UTC** [Sch94a]. **utilising** [LS92]. **utility** [Tam85].

validating [BDRS94]. **validation** [BBG⁺88, Sta85c]. **varying** [Che85a]. **vector** [Vál85, Voi85]. **vehicle** [GP94, HGP92]. **verification**

[AK90, Szm88, SSSS94]. **version** [Sch85b, YY92]. **via** [GMWK92, LNYz89]. **view** [Elz80]. **views** [Sam61b]. **virtual** [Grz85, UOH⁺81]. **vision** [MRSS94, RW89, VPM94]. **vision-based** [VPM94]. **Visual** [Hin94]. **voltage** [Mor92]. **volume** [Ano63b, Ano63c, Ano64a]. **voting** [CSF92].

wage [Fan85]. **wall** [Puc94]. **wall-following** [Puc94]. **Walsh** [Tza85]. **waste** [AJT94]. **water** [AJT94, Fed85, Put85, Rei85a]. **way** [NKIT81]. **weekly** [Loc85]. **weighted** [GCOA94]. **weighted-output** [GCOA94]. **wheel** [MRL⁺94]. **wheel-chair** [MRL⁺94]. **which** [Gór80, MNV85]. **wind** [Kra85]. **winder** [MS94]. **without** [KK88]. **Work** [RS92a, HBS92, HD85, RWMC92]. **works** [IMF⁺81]. **Workshop** [Ano94d]. **workstation** [Kie92]. **world** [SM89]. **wwtp** [SRRP⁺94].

X1 [Ano63a, Dij63a, Dij63c]. **xenon** [XL85].

Yawata [NKIT81].

ZEBRA [OS60]. **zero** [Mor85]. **zero-sum** [Mor85]. **zeros** [Dui85].

References

Abdelrahman:1985:OCM

[AA85] O. E. Abdelrahman and B. M. Abuelnasr. On the orthogonal collocation and mathematical programming approach for state constrained optimal control problems. *Annual Review in Automatic Programming*, 13 (part 2):1–7, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904562>.

Alarcon:1994:IMA

[AAG⁺94] I. Alarcón, X. Alamán, P. Gómez, S. Romero, J. A. Aguilar-Crespo, M. Campos, P. Serrahima, J. M. Domínguez, P. Rodríguez-Marín, and E. De Pablo. An integration methodology and architecture for intelligent systems in process control: The hint project. *Annual Review in Automatic Programming*, 19:353–358, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900906>.

Audsley:1994:IBE

[ABDW94] N. C. Audsley, A. Burns, R. I. Davis, and A. J. Wellings. Integrating best effort and fixed priority scheduling. *Annual Review in Automatic Programming*, 18:45–50, 1994. CODEN ????

ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900094>.

Aicardi:1985:DCL

- [ACD⁺85] M. Aicardi, G. Casalino, F. Davoli, R. Minciardi, and R. Zopoli. A decentralized closed-loop solution to the routing problem in networks. *Annual Review in Automatic Programming*, 13 (part 2):9–17, 1985. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413885904574>.

Aicardi:1985:DOR

- [ACDM85] M. Aicardi, G. Casalino, F. Davoli, and R. Minciardi. Development of optimal routing policies in a queueing network. *Annual Review in Automatic Programming*, 12 (part 1):404–407, 1985. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413885900722>.

Alonso:1994:EDP

- [ADLD94] A. Alonso, J. C. Dueñas, G. León, and J. A. De La Puente. An environment for distributed prototyping of real time systems. *Annual Review in Automatic Programming*, 18:21–26, 1994. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900051>.

Altaber:1980:IAI

- [AFGvdS80] J. Altaber, V. Frammery, C. Gareyte, and P. D. V. van der Stok. An interpretive approach for interactive real-time control through a network. *Annual Review in Automatic Programming*, 10:1–7, 1980. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413882900027>.

An:1992:KBC

- [AH92] P. E. An and C. J. Harris. Knowledge-based control. *Annual Review in Automatic Programming*, 17:87–96, 1992. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910163>.

Aastrom:1989:TIP

- [ÅHP89] K. J. Åström, C. C. Hang, and P. Persson. Towards intelligent PID control. *Annual Review in Automatic Programming*, 15 (part 2):53–58, 1989. CODEN ??? ISSN

???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900104>.

Ahrens:1985:BAM

- [Ahr85] Klaus Ahrens. Behaviour analysis of MODULA-2 programs by simulation. *Annual Review in Automatic Programming*, 12 (part 1):479–482, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900916>.

Alex:1994:FCA

- [AJT94] J. Alex, U. Jumar, and R. Tschepetzki. A fuzzy controller for activated sludge waste water plants. *Annual Review in Automatic Programming*, 19:61–66, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900434>.

Arendt:1990:MVR

- [AK90] F. Arendt and B. Klühe. Modelling and verification of real-time software using interpreted Petri nets. *Annual Review in Automatic Programming*, 15 (part 1):35–40, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090024L>.

Anderson:1985:RTA

- [And85] T. Anderson. Real-time application of the iPSC 2122 concurrent computer. *Annual Review in Automatic Programming*, 13 (part 1):55–61, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904446>.

Anonymous:1960:AFL

- [Ano60a] Anonymous. Appendix four: List of participants. *Annual Review in Automatic Programming*, 1:295–300, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900495>.

Anonymous:1960:AOC

- [Ano60b] Anonymous. Appendix one (a): On computable numbers, with an application to the Entscheidungsproblem. *Annual Review in Automatic Programming*, 1:230–264, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900458>.

Anonymous:1960:AOB

- [Ano60c] Anonymous. Appendix one (b): On computable numbers, with an application to the Entscheidungsproblem. A correction. *Annual Review in Automatic Programming*, 1:265–267, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641386090046X>.

Anonymous:1960:ATA

- [Ano60d] Anonymous. Appendix three: Automatic programming — a short bibliography. *Annual Review in Automatic Programming*, 1:291–294, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900483>.

Anonymous:1960:ATP

- [Ano60e] Anonymous. Appendix two: Preliminary report of ACM-GAMM committee on an international algebraic language. *Annual Review in Automatic Programming*, 1:268–290, 1960. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413860900471>.

Anonymous:1960:EB

- [Ano60f] Anonymous. Editorial board. *Annual Review in Automatic Programming*, 1:i, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900252>.

Anonymous:1961:CDC

- [Ano61] Anonymous. A critical discussion of COBOL. *Annual Review in Automatic Programming*, 2:293–304, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800128>.

Anonymous:1963:ATX

- [Ano63a] Anonymous. An ALGOL 60 translator for the X1. *Annual Review in Automatic Programming*, 3:329–345, 1963. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800154>.

Anonymous:1963:CVa

- [Ano63b] Anonymous. Contents of volume 1. *Annual Review in Automatic Programming*, 3:357–358, 1963. CODEN ????

ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800178>.

Anonymous:1963:CVb

- [Ano63c] Anonymous. Contents of volume 2. *Annual Review in Automatic Programming*, 3:359–360, 1963. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S006641386380018X>.

Anonymous:1963:EN

- [Ano63d] Anonymous. Editorial note. *Annual Review in Automatic Programming*, 3:325, 1963. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800130>.

Anonymous:1963:MTA

- [Ano63e] Anonymous. Making a translator for ALGOL 60. *Annual Review in Automatic Programming*, 3:347–356, 1963. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800166>.

Anonymous:1964:CV

- [Ano64a] Anonymous. Contents of volume 1. *Annual Review in Automatic Programming*, 4:259–263, 1964. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413864900217>.

Anonymous:1964:EB

- [Ano64b] Anonymous. Editorial board. *Annual Review in Automatic Programming*, 4:i, 1964. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413864900114>.

Anonymous:1969:EB

- [Ano69] Anonymous. Editorial board. *Annual Review in Automatic Programming*, 5 (part 1):i, 1969. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413869900354>.

Anonymous:1977:Da

- [Ano77a] Anonymous. Discussion. *Annual Review in Automatic Programming*, 8:29–33, 1977. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413877900064>. ■

- Anonymous:1977:Db**
- [Ano77b] Anonymous. Discussion. *Annual Review in Automatic Programming*, 8:85–90, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641387790012X>. ■
- Anonymous:1977:Dc**
- [Ano77c] Anonymous. Discussion. *Annual Review in Automatic Programming*, 8:125–129, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900179>.
- Anonymous:1977:Dd**
- [Ano77d] Anonymous. Discussion. *Annual Review in Automatic Programming*, 8:163–168, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900222>.
- Anonymous:1977:De**
- [Ano77e] Anonymous. Discussion. *Annual Review in Automatic Programming*, 8:207–210, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900271>.
- Anonymous:1977:Df**
- [Ano77f] Anonymous. Discussion. *Annual Review in Automatic Programming*, 8:229–232, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900295>.
- Anonymous:1977:IPC**
- [Ano77g] Anonymous. International program committee. *Annual Review in Automatic Programming*, 8:233, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900301>.
- Anonymous:1977:LP**
- [Ano77h] Anonymous. List of participants. *Annual Review in Automatic Programming*, 8:235–237, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900313>.

- Anonymous:1980:LP**
- [Ano80] Anonymous. List of participants. *Annual Review in Automatic Programming*, 10:129–131, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900179>.
- Anonymous:1981:P**
- [Ano81] Anonymous. Preface. *Annual Review in Automatic Programming*, 11:vi, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388190001X>.
- Anonymous:1985:A1a**
- [Ano85a] Anonymous. Author index. *Annual Review in Automatic Programming*, 13 (part 2):209, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904835>.
- Anonymous:1985:A1b**
- [Ano85b] Anonymous. Author index. *Annual Review in Automatic Programming*, 13 (part 1):107, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904537>.
- Anonymous:1985:LA**
- [Ano85c] Anonymous. List of authors. *Annual Review in Automatic Programming*, 12 (part 1):493–495, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900953>.
- Anonymous:1985:SI**
- [Ano85d] Anonymous. Subject index. *Annual Review in Automatic Programming*, 13 (part 1):109, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904549>.
- Anonymous:1988:A1a**
- [Ano88a] Anonymous. Author index. *Annual Review in Automatic Programming*, 14 (part 1):87, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900158>.

Anonymous:1988:AIb

- [Ano88b] Anonymous. Author index. *Annual Review in Automatic Programming*, 14 (part 2):95, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090017L>.

Anonymous:1988:FS

- [Ano88c] Anonymous. Formal specification. *Annual Review in Automatic Programming*, 14 (part 1):83, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900134>.

Anonymous:1988:PLR

- [Ano88d] Anonymous. Programming languages for real-time applications. *Annual Review in Automatic Programming*, 14 (part 1):85, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900146>.

Anonymous:1989:AI

- [Ano89a] Anonymous. Author index. *Annual Review in Automatic Programming*, 15 (part 2):111, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900219>.

Anonymous:1989:KI

- [Ano89b] Anonymous. Keyword index. *Annual Review in Automatic Programming*, 15 (part 2):113, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900220>.

Anonymous:1989:P

- [Ano89c] Anonymous. Preface. *Annual Review in Automatic Programming*, 15 (part 2):vii, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900013>.

Anonymous:1990:AI

- [Ano90a] Anonymous. Author index. *Annual Review in Automatic Programming*, 15 (part 1):87, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090033N>.

Anonymous:1990:KI

- [Ano90b] Anonymous. Keyword index. *Annual Review in Automatic Programming*, 15 (part 1):89, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413890900340>.

Anonymous:1992:AIa

- [Ano92a] Anonymous. Author index. *Annual Review in Automatic Programming*, 16 (part 1):165, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190028A>.

Anonymous:1992:AIb

- [Ano92b] Anonymous. Author index. *Annual Review in Automatic Programming*, 17:527–528, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910850>.

Anonymous:1992:BMS

- [Ano92c] Anonymous. Bootstrap — measuring software management capabilities. first findings in Europe. *Annual Review in Automatic Programming*, 167 (part 2):171–177, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290026L>.

Anonymous:1992:KIa

- [Ano92d] Anonymous. Keyword index. *Annual Review in Automatic Programming*, 16 (part 1):167–168, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190029B>.

Anonymous:1992:KIb

- [Ano92e] Anonymous. Keyword index. *Annual Review in Automatic Programming*, 17:529–531, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910862>.

Anonymous:1994:AIa

- [Ano94a] Anonymous. Author index. *Annual Review in Automatic Programming*, 18:187, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900329>. ■

Anonymous:1994:AIb

- [Ano94b] Anonymous. Author index. *Annual Review in Automatic Programming*, 19:389–390, 1994. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413894900965>.

Anonymous:1994:KI

- [Ano94c] Anonymous. Keyword index. *Annual Review in Automatic Programming*, 18:189–190, 1994. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413894900337>.

Anonymous:1994:WP

- [Ano94d] Anonymous. Workshop participants. *Annual Review in Automatic Programming*, 18:191–192, 1994. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413894900345>.

Aluffi-Pentini:1985:ICM

- [APPZ85] F. Aluffi-Pentini, V. Parisi, and F. Zirilli. An inexact continuous method in complementarity problems. *Annual Review in Automatic Programming*, 13 (part 2):19–26, 1985. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413885904586>.

Alaman:1992:KBS

- [ARA+92] X. Alamán, S. Romero, C. Aguirre, P. Serrahima, R. Muñoz, V. López, J. Dorransoro, and E. de Pablo. Knowledge-based systems for real-time process control: The MIP project. *Annual Review in Automatic Programming*, 17:391–396, 1992. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/S0066413809910643>.

Aaren:1992:SCR

- [Áré92] K.-E. Áren. A survey of commercial real-time expert system environments. *Annual Review in Automatic Programming*, 17: 483–490, 1992. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/S0066413809910783>. ■

Arzen:1992:SFC

- [Arz92] K.-E. Arzen. Sequential function charts for knowledge-based, real-time applications. *Annual Review in Automatic Pro-*

gramming, 16 (part 1):91–96, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900154>.

Alrebdawi:1988:STO

- [ASM88] G. Alrebdawi, J. J. Skubich, and Y. Martinez. Supporting tool for object oriented design of real time applications. *Annual Review in Automatic Programming*, 14 (part 1):29–33, 1988. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413888900055>.

Averbukh:1992:NNM

- [Ave92] E. A. Averbukh. Neural network models and statistical tests as flexible base for intelligent fault diagnosis. *Annual Review in Automatic Programming*, 17:259–266, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910436>.

Barreiro:1992:SFS

- [BA92] A. Barreiro and J. Aracil. Stability of feedback systems with uncertain dynamics. *Annual Review in Automatic Programming*, 17:127–132, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910229>.

Baecker:1961:GCP

- [Bae61] H. D. Baecker. The growth of a commercial programming language. *Annual Review in Automatic Programming*, 2:305–323, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641386180013X>.

Bakule:1985:ODD

- [Bak85] L. Bakule. On the overlapping decomposition of dynamic systems. *Annual Review in Automatic Programming*, 12 (part 1): 263–266, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900394>.

Bassler:1992:EIS

- [Bas92] T. Bassler. Experiences in introducing software quality assurance. *Annual Review in Automatic Programming*, 167 (part 2): 91–94, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290014G>.

Barber:1992:NPR

- [BBC⁺92a] F. Barber, V. Botti, A. Crespo, D. Gallardo, and E. Onaindía. New paradigms for real-time control. *Annual Review in Automatic Programming*, 17:459–465, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910758>.

Bazzana:1992:TTS

- [BBC⁺92b] G. Bazzana, R. Brigliadori, R. Cole, K. Kirkwood, and F. Seigneur. Techniques and tools for software assessment and certification. *Annual Review in Automatic Programming*, 167 (part 2):153–160, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290024J>.

Backus:1961:ARA

- [BBG⁺61] J. W. Backus, F. L. Bauer, J. Green, C. Katz, J. McCarthy, P. Naur, A. J. Perlis, J. Rutishauser, J. H. Wegstein, A. van Wijngaarden, and M. Woodger. Appendix: Report on the algorithmic language ALGOL 60. *Annual Review in Automatic Programming*, 2:351–390, January 1961. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545x (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413861800165>.

Belli:1988:DVF

- [BBG⁺88] F. Belli, H. Bonin, H. Gerdes, W. Filipowicz, and P. Jędrzejowicz. Development and validation of FIREX — a knowledge-based system for the transport of dangerous goods and fire department consulting. *Annual Review in Automatic Programming*, 14 (part 2):69–74, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090013H>.

Barber:1994:TDR

- [BBO94] Federico Barber, Vicente Botti, and Eva Onaindía. Temporal data representation and reasoning in REAKT. *Annual Review in Automatic Programming*, 19:347–352, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900892>.

Brusic:1988:CIS

- [BBS⁺88] V. Brusić, Z. Božović, Z. Stojiljković, D. Djaković, and M. Trajković. Clinical information systems planning in Belgrade health care region. *Annual Review in Automatic Programming*, 14 (part 2):27–29, 1988. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/006641389090005C>.

Bianchi:1980:RST

- [BCD⁺80] Mme G. Bianchi, B. T. Cronhjort, W.-M Dehnert, J. Ludewig, and B. Taylor. Requirements specifications — today and tomorrow. *Annual Review in Automatic Programming*, 10:121–127, 1980. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413882900167>.

Badle:1992:TGM

- [BCD92] C. Badle, C. Castel, and O. Duffaut. Towards a general multi-model-based methodology for diagnosis systems. *Annual Review in Automatic Programming*, 17:293–297, 1992. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/S0066413809910485>.

Bo-Chao:1994:LST

- [BCSM94] Cheng Bo-Chao, Alexander D. Stoyenko, and Thomas J. Marlowe. Least-space-time-first scheduling algorithm: a policy for complex real-time tasks in multiple processor systems. *Annual Review in Automatic Programming*, 18:33–38, 1994. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413894900078>.

Boissier:1994:HSM

- [BDRS94] R. Boissier, B. Dima, D. Razafindramary, and T. Soriano. Hybrid systems modelling and validating using Statecharts and Grafcet. *Annual Review in Automatic Programming*, 18:73–79, 1994. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413894900140>.

Bemer:1969:PSH

- [Bem69] Robert W. Bemer. A politico-social history of Algol? (with a chronology in the form of a log book). *Annual Review in Automatic Programming*, 5:151–238, 1969. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic).

Bendel:1985:GNL

- [Ben85a] Udo Bendel. A global non-linear and dependent dynamical state-space identification by using local linear dynamical state-space-models. *Annual Review in Automatic Programming*, 12 (part 1):344–351, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590059X>.

Benedick:1985:ITG

- [Ben85b] D. R. Benedick. Integration of textual and graphic languages for real-time programming. *Annual Review in Automatic Programming*, 13 (part 1):63–69, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904458>.

Bersini:1992:RLR

- [Ber92] H. Bersini. Reinforcement learning and recruitment mechanism for adaptive distributed control. *Annual Review in Automatic Programming*, 17:467–473, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991076X>.

Bestavros:1992:PES

- [Bes92] A. Bestavros. Planning for embedded systems: a real-time prospective. *Annual Review in Automatic Programming*, 16 (part 1):59–68, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900109>.

Bar:1985:MCL

- [BFH85] M. Bär, K. Fischer, and G. Hertel. A method of calculation for loss systems susceptible to failures with any number of repair channels and its application to delay systems. *Annual Review in Automatic Programming*, 12 (part 1):352–356, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900606>.

Baecker:1964:CUS

- [BG64] H. D. Baecker and B. J. Gibbens. A commercial use of stacks. *Annual Review in Automatic Programming*, 4:183–191, 1964. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413864900187>.

Berthaud:1973:ICC

- [BG73] M. Berthaud and M. Griffiths. Incremental compilation and conversational interpretation. *Annual Review in Automatic Programming*, 7 (part 2):95–114, 1973. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413873900025>.

Biewald:1980:RTF

- [BGS80] J. Biewald, P. Goehner, and H. Schelling. Real-time features of EPOS: Formulation, evaluation and documentation. *Annual Review in Automatic Programming*, 10:95–101, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900131>.

Babuska:1992:MFD

- [BH92] R. Babuška and P. Horáček. Monitoring and fault diagnosis. *Annual Review in Automatic Programming*, 17:189–194, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910321>.

Bergholz:1985:PMC

- [BI85] G. Bergholz and K. Irmscher. Performance modeling of computer systems. *Annual Review in Automatic Programming*, 12 (part 1):469–473, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900886>.

Bendtsen:1992:ITD

- [BJ92] A. B. Bendtsen and Niels Jensen. The influence of training data selection on performance of neural networks for control of non-linear systems. *Annual Review in Automatic Programming*, 17:55–60, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910114>.

Biro:1992:FID

- [BJJ⁺92] M. Biró, F. Jamrik, G. Janek, E. Knuth, and T. Remzsô. Factors influencing the design of a prototype decision support application for a distributed object management project. *Annual Review in Automatic Programming*, 167 (part 2):129–132, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290020P>.

Bezivin:1977:MAD

- [BJNR77] Jean Bézin, Yvon Jégou, Jean-Louis Nebut, and Robert Ranou. A methodological approach to the design of real-time operating systems. *Annual Review in Automatic Programming*, 8: 153–162, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900210>.

Bejder:1994:CPW

- [BJT⁺94] H. Bejder, B. Holbæk Jensen, E. Thomsen, L. lundgaard Andresen, and S. Borchersen. Commercial perspective when applying ai techniques and traditional IT skills. *Annual Review in Automatic Programming*, 19:359–363, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900914>.

Bronisz:1985:SMD

- [BK85] P. Bronisz and L. Kruś. Supporting of multicriterial decision making in the case of cooperative game. *Annual Review in Automatic Programming*, 12 (part 1):185–189, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900242>.

Boldyreff:1992:PRS

- [BK92] C. Boldyreff and U. Krohn. The practitioner reuse support system (press): a consideration from the aspect of tool-to-organisation interconnection. *Annual Review in Automatic Programming*, 167 (part 2):55–62, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290009E>.

Bekic:1973:IA

- [BL73] H. Bekić and Olivier Lecarme. An introduction to ALGOL 68. *Annual Review in Automatic Programming*, 7 (part 3):143–169, 1973. CODEN ???? ISBN 0-08-017049-8, 0-08-017128-1. ISSN 0066-4138. URL <https://www.sciencedirect.com/science/article/pii/0066413873900049>.

Bossert:1985:KQP

- [BL85] J. L. Bossert and J. A. LaBarr. The Kodak quality package. *Annual Review in Automatic Programming*, 13 (part 1):17–23, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904380>.

Beck:1989:AME

- [BL89] Th Beck and R. J. Lauber. Asynchronous methods for expert systems in real-time applications. *Annual Review in Automatic Programming*, 15 (part 2):75–78, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900141>.

Burgess:1994:BMK

- [BLA94] P. Burgess, M. J. Livesey, and C. Allison. BED: a multithreaded kernel for embedded systems. *Annual Review in Automatic Programming*, 18:133–138, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490023X>.

Brooker:1961:DMA

- [BM61] R. A. Brooker and D. Morris. A description of Mercury Autocode in terms of a phrase structure language. *Annual Review in Automatic Programming*, 2:29–65, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800037>.

Bull:1985:LBD

- [BM85] G. M. Bull and R. J. Mitchell. A link between data abstraction and concurrency. *Annual Review in Automatic Programming*, 13 (part 1):49–53, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904434>.

Brooker:1963:CC

- [BMMR63] R. A. Brooker, I. R. MacCallum, D. Morris, and J. S. Rohl. The compiler compiler. *Annual Review in Automatic Programming*, 3:229–275, 1963. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800099>.

Boettner:1985:FAS

- [Boe85] R. Boettner. A fuzzy approach for the selection from a limited number of (nondominated) alternatives. *Annual Review in Automatic Programming*, 12 (part 1):259–262, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900382>.

Booth:1960:OA

- [Boo60] Andrew D. Booth. Opening address. *Annual Review in Automatic Programming*, 1:1–7, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900276>.

Born:1985:OCS

- [Bor85] Joachim Born. Optimizing complex systems by means of adaptively controlled random search. *Annual Review in Automatic Programming*, 12 (part 1):418–420, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900758>.

Bosma:1977:HMC

- [Bos77] H. Bosma. How to master complexity: Decomplexing. *Annual Review in Automatic Programming*, 8:xi–xiv, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900027>.

Belschner:1994:MPH

- [BP94] Ralf Belschner and Carlos E. Pereira. Mapping PEARL's high-level real-time constructs to a C run-time library under real-time UNIX. *Annual Review in Automatic Programming*, 18:151–156, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900264>.

Brack:1985:SSD

- [Bra85] Georg Brack. Systems with substantially distributed parameters. *Annual Review in Automatic Programming*, 12 (part 1):421–424, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590076X>.

Bristol:1985:HCL

- [Bri85] E. H. Bristol. How control languages should be designed, with an integrated example design. *Annual Review in Automatic Programming*, 13 (part 1):93–96, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904501>.

Brooker:1960:MAP

- [Bro60] R. A. Brooker. MERCURY Autocode: Principles of the program library. *Annual Review in Automatic Programming*, 1:

93–110, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900355>. ■

Brown:1969:SMP

- [Bro69] P. J. Brown. A survey of macro processors. *Annual Review in Automatic Programming*, 6 (part 2):37–88, 1969. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413869900019>.

Brockmann:1994:CFR

- [Bro94] W. Brockmann. Comparison of fuzzy, rule-based, and conventional process control. *Annual Review in Automatic Programming*, 19:91–96, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900485>. ■

Bourdache-Siguerdidjane:1985:CON

- [BSF85] H. Bourdache-Siguerdidjane and M. Fliess. On the computation of optimal nonlinear feedback controls. *Annual Review in Automatic Programming*, 13 (part 2):27–30, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904598>.

Blanes:1994:DPC

- [BSMS94] J. F. Blanes, J. Simó, M. Martínez, and J. S. Senent. Developing E.S. for process control using Unix based tools. *Annual Review in Automatic Programming*, 19:383–387, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900957>.

Bousson:1992:CCM

- [BTM92] K. Bousson and L. Travé-Massuyès. A computational causal model for process supervision. *Annual Review in Automatic Programming*, 17:133–139, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910230>.

Buchner:1985:HGI

- [Buc85] M. Buchner. A hierarchical graphics interface for control system programming. *Annual Review in Automatic Programming*, 13 (part 1):91–92, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904495>.

Bradford:1961:MI

- [BW61] Donald H. Bradford and Mark B. Wells. MADCAP II. *Annual Review in Automatic Programming*, 2:115–140, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800062>.

Bull:1985:F

- [BW85] Gordon M. Bull and Theodore J. Williams. Foreword. *Annual Review in Automatic Programming*, 13 (part 1):vii, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904355>.

Blesa:1990:IPP

- [BZ90] P. Blesa and R. Zambardino. Incidence of parameters in the performance of a distributed database. *Annual Review in Automatic Programming*, 15 (part 1):41–46, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090025M>.

Camacho:1994:NNB

- [CA94] E. F. Camacho and M. R. Arahal. Neural network based adaptive control. *Annual Review in Automatic Programming*, 19: 13–24, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490037X>.

Caro:1985:PLB

- [Car85] R. H. Caro. A programming language for batch process control. *Annual Review in Automatic Programming*, 13 (part 1): 97–101, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904513>.

Caspi:1994:TRB

- [Cas94] P. Caspi. Towards recursive block diagrams. *Annual Review in Automatic Programming*, 18:81–85, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900159>.

Cauvin:1992:MBD

- [CBGG92] S. Cauvin, B. Braunschweig, P. Galtier, and Y. Glaize. Model-based diagnosis for continuous process supervision: The alexip experience. *Annual Review in Automatic Programming*, 17:415–421, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910680>.

Conroy:1985:ILS

- [CC85] R. C. Conroy and G. Coleman. Implementing on-line statistical quality control techniques. *Annual Review in Automatic Programming*, 13 (part 1):25–27, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904392>.

Cerrada:1990:UCI

- [CCMM90] J. A. Cerrada, M. Collado, R. Morales, and J. J. Moreno. Using conversations to implement resilient objects in distributed systems. *Annual Review in Automatic Programming*, 15 (part 1):47–52, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090026N>.

Clement:1985:SDA

- [CH85] K. H. Clement and L. Hallager. Software for data acquisition and control. *Annual Review in Automatic Programming*, 13 (part 1):103–105, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904525>.

Chen:1985:SAA

- [Che85a] Han-Fu Chen. Stochastic approximation algorithm randomly truncated at time-varying bounds. *Annual Review in Automatic Programming*, 12 (part 1):380–383, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900679>.

Chen:1985:STQ

- [Che85b] Wen-De Chen. Systems theory over the quasi-field. *Annual Review in Automatic Programming*, 12 (part 1):143–146, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900151>.

Christensen:1985:GPL

- [Chr85] J. H. Christensen. Graphical programming languages for programmable controllers. *Annual Review in Automatic Programming*, 13 (part 1):71–74, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590446X>.

Clark:1963:LFP

- [Cla63] K. W. Clark. ‘file processing’ in SEAL. *Annual Review in Automatic Programming*, 3:311–324, 1963. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800129>.

Cleave:1960:AFT

- [Cle60] J. P. Cleave. The application of formula translation to the automatic coding of ordinary differential equations. *Annual Review in Automatic Programming*, 1:81–92, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900343>.

Clippinger:1961:FBC

- [Cli61] R. F. Clippinger. FACT — a business compiler: Description and comparison with COBOL and commercial translator. *Annual Review in Automatic Programming*, 2:231–291, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800116>.

Crespo:1992:RTE

- [CNV⁺92a] A. Crespo, J. L. Navarro, R. Vivó, A. García, and A. Espinosa. A real time expert system environment for process control. *Annual Review in Automatic Programming*, 16 (part 1):19–25, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190005V>.

Crespo:1992:RES

- [CNV⁺92b] A. Crespo, J. L. Navarro, R. Vivó, A. García, and A. Espinosa. Rigas: an expert server task in real-time environments. *Annual Review in Automatic Programming*, 17:497–502, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910801>.

Cord:1994:BAP

- [Cor94] T. Cord. A blackboard application for process monitoring and supervision. *Annual Review in Automatic Programming*, 19:377–382, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900949>.

Coulouris:1969:MIA

- [Cou69] G. F. Coulouris. A machine-independent assembly language for systems programs. *Annual Review in Automatic Programming*, 6 (part 2):89–104, 1969. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413869900020>.

Chen:1992:KRR

- [CR92] J. Chen and M. G. Rodd. Knowledge representation for real-time on-line industrial inspection systems. *Annual Review in Automatic Programming*, 16 (part 1):115–120, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900198>.

Crespo:1994:F

- [Cre94] Alfons Crespo. Foreword. *Annual Review in Automatic Programming*, 19:vii, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900353>.

Cicin-Sain:1988:MMP

- [ČŠ88] M. Čičin-Šain. Methods for monitoring productivity in applicative software development. *Annual Review in Automatic Programming*, 14 (part 2):59–62, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090011F>.

Carvalho:1994:RTF

- [CSDM94] M. T. Carvalho, J. M. Sousa, F. Durão, and P. M. Martins. Real time fuzzy control of column flotation process. *Annual Review in Automatic Programming*, 19:73–78, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900450>.

Cassar:1992:MLV

- [CSF92] J. P. Cassar, M. Staroswiecki, and R. Ferhati. Multivalued logic voting scheme for residual evaluation in failure detection and isolation systems. *Annual Review in Automatic Programming*, 17:267–272, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910448>.

Cembrano:1994:NNR

- [CTW94] G. Cembrano, C. Torras, and G. Wells. Neural networks for robot control. *Annual Review in Automatic Programming*, 19:159–166, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900590>.

Cushing:1960:APB

- [Cus60] Gordon Cushing. Automatic programming and business applications. *Annual Review in Automatic Programming*, 1:189–195, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900410>.

Ceanga:1985:LSC

- [CVB85] E. Ceangă, C. Vasiliu, and S. Bumbaru. Learning systems with control situations recognition. *Annual Review in Automatic Programming*, 12 (part 1):384–389, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900680>.

Ciohocki:1985:ADI

- [CW85] K. Ciohocki and W. Wojoiechowski. An attempt to dynamize an investment coefficient matrix in Leontieff models. *Annual Review in Automatic Programming*, 12 (part 1):151–157, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900175>.

Dabrowski:1985:MSR

- [Daḃ85] Zdzisław Daḃrowski. Modelling of the subject reality in the information system. *Annual Review in Automatic Programming*, 12 (part 1):328–331, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900552>.

Dahme:1985:PMB

- [Dah85] Christian Dahme. On the particularity of the model building of elementary social systems — a draft for a systems theory of elementary social systems. *Annual Review in Automatic Programming*, 12 (part 1):324–327, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900540>.

D'Agapeyeff:1963:PSC

- [DBG63] A. D'Agapeyeff, H. D. Baecker, and B. J. Gibbens. Progress in some commercial source languages. *Annual Review in Automatic Programming*, 3:277–298, 1963. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800105>.

Dominguez:1994:NNB

- [DCA94] S. Dominguez, P. Campoy, and R. Aracil. A neural network based quality control system for steel strip manufacturing. *Annual Review in Automatic Programming*, 19:185–190, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900639>.

Dekker:1985:MBP

- [Dek85] L. Dekker. Methodology based parallel digital processors. *Annual Review in Automatic Programming*, 12 (part 1):38–50, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900047>.

Demidenko:1985:OCC

- [Dem85] N. D. Demidenko. Optimal control of the complicated objects with distributed parameters. *Annual Review in Automatic Programming*, 12 (part 1):425–428, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900771>.

Denison:1960:FDI

- [Den60] S. J. M. Denison. Further DEUCE interpretative programs and some translating programs. *Annual Review in Automatic Programming*, 1:127–145, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900379>.

Downes:1980:UAL

- [DG80] V. A. Downes and S. J. Goldsack. The use of the Ada language for programming a distributed system. *Annual Review in Automatic Programming*, 10:39–44, 1980. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413882900064>.

Davoli:1994:SAD

- [DG94] R. Davoli and L. A. Giachini. A schedulability algorithm for data flow, hard-real-time distributed programs. *Annual Review in Automatic Programming*, 18:39–43, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900086>.

Dao:1985:CCD

- [DHD85] Dang Huu Dao, Hoang Minh Hai, and Phan Dinh Dieu. Controllability of a class of discrete bilinear systems. *Annual Review in Automatic Programming*, 12 (part 1):147–150, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900163>.

DiPillo:1985:P

- [Di 85] Gianni Di Pillo. Preface. *Annual Review in Automatic Programming*, 13 (part 2):vii, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904550>.

DImperio:1969:DST

- [D'I69] M. E. D'Imperio. Data structures and their representation in storage. *Annual Review in Automatic Programming*, 5 (part 1): 1–75, 1969. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413869900366>.

Deibert:1992:efd

- [DI92] R. Deibert and R. Isermann. Examples for fault detection in closed loops. *Annual Review in Automatic Programming*, 17: 235–240, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910394>.

Dijkstra:1963:ATP

- [Dij63a] E. W. Dijkstra. Appendix: Two papers on an ALGOL translator for the X1. *Annual Review in Automatic Programming*, 3:327, 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800142>.

Dijkstra:1963:DMI

- [Dij63b] E. W. Dijkstra. On the design of machine independent programming languages. *Annual Review in Automatic Programming*, 3:

27–42, 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/B9780080097633500072>; <https://www.sciencedirect.com/science/article/pii/S0066413863800038>. Originally issued as Report MR 34 of the Mathematics Centre, Amsterdam.

Dijkstra:1963:ATX

[Dij63c] Edsger W. Dijkstra. An ALGOL-60 translator for the X1. *Annual Review in Automatic Programming*, 3:329–345, 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic).

Dijkstra:1963:MTA

[Dij63d] Edsger W. Dijkstra. Making a translator for ALGOL-60. *Annual Review in Automatic Programming*, 3:347–356, 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic).

Dasai:1977:HLP

[DISN77] Takashi Dasai, Kunio Iharada, Takeshi Sunohara, and Toshiyuki Nakamura. High level process control language “ESPRIT” and its source level debugging system “SOLDA”. *Annual Review in Automatic Programming*, 8:19–28, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900052>.

deJong:1985:ASQ

[dJM85] J. L. de Jong and K. C. P. Machielsen. On the application of sequential quadratic programming to state constrained optimal control problems. *Annual Review in Automatic Programming*, 13 (part 2):31–39, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904604>.

Debou:1992:MSP

[DLP92] C. Debou, J. Lipták, and L. Pescoller. Managing software projects by applying AMI. *Annual Review in Automatic Programming*, 167 (part 2):103–108, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290016I>.

Dovi:1985:RTN

[Dov85] V. G. Dovi. Restarting techniques in non linear programming algorithms for optimal chemical plant control. *Annual Review in*

Automatic Programming, 13 (part 2):41–45, 1985. CODEN ????
ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904616>.

Decotignie:1994:STC

- [DR94] J.-D Decotignie and P. Raja. Spatio-temporal constraints in Fieldbus: Requirements and current solutions. *Annual Review in Automatic Programming*, 18:9–14, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900035>.

Ditt:1988:PMS

- [DS88] W. Ditt and U. Schlehofer. A project management support tool based on feedback loop technique. *Annual Review in Automatic Programming*, 14 (part 2):15–20, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090003A>.

Debevc:1988:SDF

- [DSD⁺88] M. Debevc, R. Svečko, D. Donlagić, L. Bele-Tominc, and M. Venuti-Zorič. Software designing in the field of control engineering. *Annual Review in Automatic Programming*, 14 (part 2):41–44, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090008F>.

Dubery:1985:MRR

- [Dub85] J. M. Dubery. Modulas-1, -2, and -3(?) or a real real-time language. *Annual Review in Automatic Programming*, 13 (part 1):81–89, 1985. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413885904483>.

Dubuisson:1992:GAL

- [Dub92] B. Dubuisson. Genetic algorithms and learning. *Annual Review in Automatic Programming*, 17:299–302, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910497>.

Duisburg:1985:GTA

- [Dui85] F. Svaricek Duisburg. A graph-theoretic algorithm for computing the number of invariant zeros of large scale systems. *Annual Review in Automatic Programming*, 12 (part 1):276–279, 1985.

CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900424>.

Dummermuth:1994:RIF

- [Dum94] E. Dummermuth. The real issues in fuzzy logic applications. *Annual Review in Automatic Programming*, 19:135–140, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900558>.

Espada:1994:RDF

- [EB94] A. Espada and A. Barreiro. Robust design of fuzzy controllers based on small gain conditions. *Annual Review in Automatic Programming*, 19:55–60, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900426>.

Efstathiou:1992:ATA

- [Efs92] J. Efstathiou. Architectures and techniques of artificial intelligence in process control. *Annual Review in Automatic Programming*, 17:371–376, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910618>.

Elzer:1992:P

- [EH92] Peter F. Elzer and Volkmar Haase. Preface. *Annual Review in Automatic Programming*, 167 (part 2):vii, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413892900016>.

E-hui:1989:AEF

- [EhGhSl89] Xu E-hui, Xu Guo-hua, and Zhang Shi-liang. Application of expert fuzzy controller in the penicillin fermentation processes. *Annual Review in Automatic Programming*, 15 (part 2):97–100, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900189>.

Elzer:1980:RAM

- [Elz80] P. F. Elzer. Resource allocation by means of access-rights, an alternative view on real-time programming? *Annual Review in Automatic Programming*, 10:73–79, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900106>.

Engles:1972:TDB

- [Eng72] Robert W. Engles. A tutorial on data-base organization. *Annual Review in Automatic Programming*, 7 (part 1):1, 3–64, 1972. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413872900031>.

Engelmann:1985:BCD

- [Eng85] Bernd Engelmann. A basic concept for dual optimization methods for complex interconnected systems. *Annual Review in Automatic Programming*, 12 (part 1):288–290, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590045X>.

Edwards:1977:UOC

- [ES77] T. R. M. Edwards and P. E. Strickland. A user oriented control system for a magnetic field mapping device. *Annual Review in Automatic Programming*, 8:191–197, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900258>.

Ester:1985:ASM

- [Est85] Jochen Ester. About some methods and applications in multicriteria decision making. *Annual Review in Automatic Programming*, 12 (part 1):174–176, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900217>.

Evans:1964:AC

- [Eva64] Arthur Evans. An ALGOL 60 compiler. *Annual Review in Automatic Programming*, 4:87–124, January 1964. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413864900151>.

Fandel:1985:CAG

- [Fan85] Günter Fandel. On the applicability of group decision making concepts to wage bargaining. *Annual Review in Automatic Programming*, 12 (part 1):62–68, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900060>.

Fan:1994:MSR

- [Fan94] Changpeng Fan. MMOSS: Soft real-time operating system support in a multimedia communication subsystem. *Annual Review in Automatic Programming*, 18:127–131, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900221>.

French:1992:ITP

- [FCWM92] I. French, C. Cox, M. J. Willis, and G. A. Montague. Intelligent tuning of P+I controllers for bioprocess application. *Annual Review in Automatic Programming*, 17:403–408, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910667>.

Fedra:1985:IWR

- [Fed85] Kurt Fedra. Interactive water resources planning and management — computer simulation with a friendly user-interface. *Annual Review in Automatic Programming*, 12 (part 1):490–492, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900941>.

Felton:1960:AIC

- [Fel60] G. E. Felton. Assembly, interpretive and conversion programs for PEGASUS. *Annual Review in Automatic Programming*, 1: 32–57, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900318>.

Fritz:1988:USS

- [FHK88] W. Fritz, V. Haase, and R. Kalcher. The use of standard software in real time programming: An example demonstrating the integration of ADA, ORACLE and GKS. *Annual Review in Automatic Programming*, 14 (part 1):43–49, 1988. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413888900079>.

Findler:1992:DLR

- [Fin92] N. V. Findler. Dimensions of learning in a real-time knowledge-based control system. *Annual Review in Automatic Programming*, 17:159–163, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910278>.

Fischer:1985:CTS

- [Fis85] A. M. Fischer. The computer — a tool for statistical process control. *Annual Review in Automatic Programming*, 13 (part 1):1–7, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904367>.

Foss:1992:PND

- [FJ92] B. A. Foss and T. A. Johansen. Parallel nonlinear decoupling for process control — a NARMAX approach. *Annual Review in Automatic Programming*, 17:49–54, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910102>.

Fukuoka:1981:PFB

- [FKKK81] K. Fukuoka, M. Kondo, Y. Kubo, and T. Kawamura. Program fall-back method in real time systems. *Annual Review in Automatic Programming*, 11:57–62, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900094>.

Fleming:1985:CAD

- [Fle85] P. J. Fleming. Computer aided design of regulators using multiobjective optimization. *Annual Review in Automatic Programming*, 13 (part 2):47–52, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904628>.

Fringuelli:1992:UAA

- [FLMS92] B. Fringuelli, E. Lamma, P. Mello, and G. Santocchia. Using ATMS algorithms for real-time applications. *Annual Review in Automatic Programming*, 16 (part 1):81–86, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900132>.

Fortier:1994:CRT

- [FP94] Paul J. Fortier and Janet Prichard. Concept for a real-time structured database query language (RT-SQL). *Annual Review in Automatic Programming*, 18:167–174, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900299>.

Fjellheim:1994:AMR

- [FPCN94] Roar Arne Fjellheim, Thomas Bech Pettersen, Birger Christoffersen, and Andy Nicholls. Application methodology for REAKT1 systems. *Annual Review in Automatic Programming*, 19:325–332, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900868>.

Fang:1990:DMD

- [FQ90] Bin Fang and Peng Tian Qiang. A design model of distributed database in real-time control. *Annual Review in Automatic Programming*, 15 (part 1):53–56, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413890900270>.

Fernandez:1988:LBD

- [FQVM88] A. Fernández, J. Quemada, L. Vidaller, and C. Miguel. LOTOS based derivation methodology in the PRODAT project. *Annual Review in Automatic Programming*, 14 (part 1):7–13, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388890002X>.

Frakes:1992:SRE

- [Fra92a] William B. Frakes. Software reuse: an empirical approach. *Annual Review in Automatic Programming*, 167 (part 2):41–44, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290007C>.

Frank:1992:PMB

- [Fra92b] P. M. Frank. Principles of model-based fault detection. *Annual Review in Automatic Programming*, 17:213–220, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910369>.

Fried:1964:ICP

- [Fri64] David C. Fried. An ideal computer program support system and a specific IBM system. *Annual Review in Automatic Programming*, 4:193–215, 1964. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413864900199>.

Fritz:1992:UPM

- [Fri92] W. Fritz. Using the project management tool Microsoft Project for planning and controlling software development projects. *An-*

nual Review in Automatic Programming, 167 (part 2):35–40, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290006B>.

Fatikow:1994:NBL

- [FS94] S. Fatikow and K. Sundermann. Neural-based learning in grasp force control of a robot hand. *Annual Review in Automatic Programming*, 19:111–116, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900515>.

Gafni:1988:MHR

- [Gaf88] V. Gafni. A model for a hard real time system executive. *Annual Review in Automatic Programming*, 14 (part 1):69–74, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900110>.

Garcia-Cerezo:1992:SFC

- [GCOA92] A. García-Cerezo, A. Ollero, and J. Aracil. Stability of fuzzy control systems by using nonlinear system theory. *Annual Review in Automatic Programming*, 17:121–126, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910217>.

Garcia-Cerezo:1994:DAW

- [GCOA94] A. García-Cerezo, A. Ollero, and J. Aracil. Dynamic analysis of weighted-output fuzzy control systems. *Annual Review in Automatic Programming*, 19:43–48, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490040X>.

Gerhardt:1985:CNM

- [Ger85] Hans-Detlef Gerhardt. Combi nets and mathematical modelling. *Annual Review in Automatic Programming*, 12 (part 1):332–335, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900564>.

Gliss:1990:SIC

- [GG90] B. Gliss and J. Gorski. Specification and implementation of concurrency in a simple database system. *Annual Review in Automatic Programming*, 15 (part 1):23–28, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090022J>.

Gnevko:1985:AMS

- [GGG85] S. V. Gnevko, V. S. Glushenkov, and A. V. Guminsky. Application of methods for solving special nonlinear programming problems to optimization of control systems. *Annual Review in Automatic Programming*, 13 (part 2):59–64, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904641>.

Gill:1960:PP

- [Gil60] Stanley Gill. The philosophy of programming. *Annual Review in Automatic Programming*, 1:178–188, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900409>.

Gchonefeld:1985:SMM

- [GJ85] R. Gchönefeld and H. Jacobi. Stochastic model of a multiprocessor system in the presence of memory contention. *Annual Review in Automatic Programming*, 12 (part 1):449–452, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900837>.

Gorski:1977:RTC

- [GK77] Janusz Górski and Andrzej Kunicki. Real-time computer system for the data acquisition net control. *Annual Review in Automatic Programming*, 8:181–190, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900246>.

Goldsack:1980:UJA

- [GK80] S. J. Goldsack and J. Kramer. The use of invariants in the application — oriented specification of real time control systems. *Annual Review in Automatic Programming*, 10:63–71, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388290009X>.

Gabasov:1985:OCP

- [GKKP85] R. Gabasov, F. M. Kirillova, O. I. Kostyukova, and A. V. Pokatayev. Optimal control problems treated with algorithms of linear and nonlinear programming. *Annual Review in Automatic Programming*, 13 (part 2):53–58, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590463X>.

Gander:1980:RTP

- [GL80] J.-G Gander and H.-U Liechti. Real-time process control based on a high level state language. *Annual Review in Automatic Programming*, 10:91–94, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388290012X>.

Glennie:1960:FTA

- [Gle60] A. E. Glennie. Future trends in automatic programming. *Annual Review in Automatic Programming*, 1:8–15, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900288>.

Garetti:1981:DDO

- [GLR81] P. Garetti, P. Laface, and S. Rivoira. On the development of a distributed operating system kernel for real-time applications. *Annual Review in Automatic Programming*, 11:107–114, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900161>.

Garcia:1988:SDM

- [GLTD88] D. Garcia, H. Lopez, J. Tuya, and A. Diez. Specification, design and Modula-2 implementation of a low cost industrial control system. *Annual Review in Automatic Programming*, 14 (part 1):51–56, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900080>.

Gu:1985:OPA

- [GM85] D. W. Gu and D. Q. Mayne. Optimization problems arising in control systems design. *Annual Review in Automatic Programming*, 13 (part 2):65–69, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904653>.

Guasch:1994:RLL

- [GMS94] A. Guasch, R. Milne, and R. Sarrate. Relay ladder logic diagnosis. *Annual Review in Automatic Programming*, 19:275–280, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900787>.

Glassey:1992:EFD

- [GMWK92] J. Glassey, G. A. Montague, A. C. Ward, and B. Kara. Enhancing fermentation development procedures via artificial neural networks. *Annual Review in Automatic Programming*, 17: 435–440, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910710>. ■

Goodman:1960:P

- [Goo60] Richard Goodman. Preface. *Annual Review in Automatic Programming*, 1:ix–xi, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900264>.

Goodman:1961:P

- [Goo61] Richard Goodman. Preface. *Annual Review in Automatic Programming*, 2:vii–viii, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800013>.

Goodman:1964:P

- [Goo64] Richard Goodman. Preface. *Annual Review in Automatic Programming*, 4:v, 1964. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413864900126>.

Gorski:1980:KKW

- [Gór80] J. Górski. KRTM — a kernel which supports real time multiprograms. *Annual Review in Automatic Programming*, 10:9–18, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900039>.

Garcia:1994:LTA

- [GP94] R. Ferreira Garcia and J. Vidal Paz. Learning task applied to identification of a marine vehicle. *Annual Review in Automatic Programming*, 19:197–201, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900655>.

Greenspan:1985:PMS

- [Gre85] Donald Greenspan. Particle modelling of solids, liquids and gases with application to a natural self-reorganization. *Annual Review in Automatic Programming*, 12 (part 1):29–37, 1985. CO-

DEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900035>.

Gomez:1994:RTE

- [GRSA94] P. Gomez, S. Romero, P. Serrahima, and I. Alarcon. A real time expert system for continuous assistance in process control: a successful approach. *Annual Review in Automatic Programming*, 19:371–375, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900930>.

Gyorkos:1988:CEC

- [GRW88] J. Györkös, I. Rozman, and T. Welzer. The concept of an efficient computer aided software engineering tool. *Annual Review in Automatic Programming*, 14 (part 2):89–94, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090016K>.

Grzech:1985:FCV

- [Grz85] Adam Grzech. Flow control in virtual circuit-oriented packet-switched computer communication network. *Annual Review in Automatic Programming*, 12 (part 1):437–440, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900801>.

Giron-Sierra:1994:AOO

- [GSGPAT94] J. M. Giron-Sierra, J. A. Gomez-Pulido, and B. Andres-Toro. Application of an object-oriented expert system shell to a fermentation process. *Annual Review in Automatic Programming*, 19:237–242, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900728>.

Garbajosa:1994:NLF

- [GTW94] J. Garbajosa, O. Tejedor, and M. Wolff. Natural language front end to test systems. *Annual Review in Automatic Programming*, 19:261–267, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900760>.

Gutenbaum:1985:SPO

- [Gut85] Jakub Gutenbaum. Smoothing of the Pareto optimal solutions set in linear multiobjective optimization problems. *Annual Review in*

Automatic Programming, 12 (part 1):230–235, 1985. CODEN ????
ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900321>.

Haase:1980:P

- [Haa80] V. H. Haase. Preface. *Annual Review in Automatic Programming*, 10:vii, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900015>.

Halling:1977:STI

- [Hal77] Horst Halling. Steps towards the implementation of a parallel code executor. *Annual Review in Automatic Programming*, 8:55–66, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641387790009X>.

Halling:1981:RAF

- [Hal81] H. Halling. Recent advances and future trends in distributed control systems. *Annual Review in Automatic Programming*, 11:1–13, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900021>.

Halang:1994:P

- [Hal94] Wolfgang A. Halang. Preface. *Annual Review in Automatic Programming*, 18:vii, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900019>.

Hanford:1960:SOS

- [Han60] K. V. Hanford. The share operating system for the IBM 709. *Annual Review in Automatic Programming*, 1:169–177, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900392>.

Hanzalek:1994:RTN

- [Han94] Z. Hanzálek. Real-time neural controller implemented on parallel architecture. *Annual Review in Automatic Programming*, 19:227–232, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900701>.

Harris:1989:DEI

- [Har89] C. J. Harris. Distributed estimation, inferencing and multi-sensor data fusion for real time supervisory control. *Annual Review in*

Automatic Programming, 15 (part 2):19–24, 1989. CODEN ????
ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900049>.

Haramis:1992:IFS

- [Har92] G. E. Haramis. Implementing a feasibility study “a procedural approach”. *Annual Review in Automatic Programming*, 167 (part 2):133–138, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290021G>.

Hesse:1992:RIP

- [HBS92] W. Hesse, U. Bittner, and J. Schnath. Results from the IPAS project: Influences of methods and tools, quality requirements and project management on the work situation of software developers. *Annual Review in Automatic Programming*, 167 (part 2):179–183, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290027M>.

Hurteau:1985:WSC

- [HD85] R. Hurteau and R. M. DeSantis. A work station for computer assisted design of real-time control systems. *Annual Review in Automatic Programming*, 13 (part 1):75–80, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904471>.

Horvai:1985:SAL

- [HGH⁺85] M. Horvai, L. Gyimesi, A. Horváth, G. Juhász, K. Kovács, I. Sári, J. Szlankó, and E. Tóth. Software architecture of large distributed process control systems. *Annual Review in Automatic Programming*, 13 (part 1):43–48, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904422>.

Herget:1992:AIT

- [HGM92] C. J. Herget, E. L. Grasz, and R. D. Merrill. Applications of intelligent telerobotic control. *Annual Review in Automatic Programming*, 16 (part 1):149–152, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900257>.

Herbstreith:1992:TDN

- [HGP92] H. Herbstreith, L. Gmeiner, and P. Preuß. A target-directed neurally controlled vehicle. *Annual Review in Automatic Programming*, 17:67–71, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910138>.

Hawkins:1963:MPT

- [HH63] E. N. Hawkins and D. H. R. Huxtable. A multi-pass translation scheme for ALGOL 60. *Annual Review in Automatic Programming*, 3:163–205, January 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800075>.

Halang:1988:APL

- [HH88] W. A. Halang and R. Henn. Additional pearl language structures for the implementation of reliable and inherently safe real-time systems. *Annual Review in Automatic Programming*, 14 (part 1):35–42, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900067>.

Heydeman:1992:ASI

- [HH92a] J. Heydeman and G. Honderd. Adaptive and supplementary intelligent control of power system stabilizers. *Annual Review in Automatic Programming*, 17:177–182, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910308>.

Hunt:1992:ICR

- [HH92b] K. J. Hunt and Y. M. Han. Induction of control rules from human skill. *Annual Review in Automatic Programming*, 17:97–102, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910175>.

Higman:1963:TAT

- [Hig63] B. Higman. Towards an ALGOL translator. *Annual Review in Automatic Programming*, 3:121–162, January 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800063>.

Hinchey:1994:VMR

- [Hin94] Michael G. Hinchey. Visual methods in real-time programming. *Annual Review in Automatic Programming*, 18:157–162, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900272>.

Hanford:1973:DSC

- [HJ73] K. V. Hanford and C. B. Jones. Dynamic syntax: a concept for the definition of the syntax of programming languages. *Annual Review in Automatic Programming*, 7 (part 2):115–140, IN1–IN3, 141–142, 1973. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413873900037>.

Hoyer:1994:AFC

- [HJ94] R. Hoyer and U. Jumar. An advanced fuzzy controller for traffic lights. *Annual Review in Automatic Programming*, 19:67–72, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900442>.

Horton:1977:RTD

- [HJLT77] J. R. Horton, I. R. James, A. Langsford, and W. Teasdale. A real-time distributed processing system using GEC 4000 series computers. *Annual Review in Automatic Programming*, 8:91, 93–97, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900131>.

Huzar:1985:SAS

- [HK85] Z. Huzar and K. Kolečnik. A systematic approach to a simulation model construction. *Annual Review in Automatic Programming*, 12 (part 1):318–323, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900539>.

Hazeyama:1992:PMS

- [HK92] A. Hazeyama and S. Komiya. A process model for software project management. *Annual Review in Automatic Programming*, 167 (part 2):109–116, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290017J>.

Haarman:1977:SAM

- [HKM77] J. C. Haarman, H. U. Koller, and J. A. Muheim. Software approach for multi-processor systems. *Annual Review in Automatic Programming*, 8:107–117, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900155>.

Hang:1992:IKB

- [HLH92] C. C. Hang, T. H. Lee, and W. K. Ho. Implementation of a knowledge-based PID auto-tuner. *Annual Review in Automatic Programming*, 17:153–158, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910266>.

Hooman:1992:TDE

- [Hoo92] J. Hooman. Top-down design of embedded real-time AI systems. *Annual Review in Automatic Programming*, 17:453–458, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910746>.

Howell:1992:KBD

- [How92] J. Howell. Knowledge-based diagnosis in information poor plants: a materials accountancy application. *Annual Review in Automatic Programming*, 17:273–278, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991045X>.

Hanmandlu:1985:UNP

- [HPP85] M. Hanmandlu, P. Purkayastha, and J. K. Pal. On the use of non-linear programming in real time control in process industries. *Annual Review in Automatic Programming*, 13 (part 2):71–78, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904665>.

Hayes-Roth:1994:IRT

- [HR94] Barbara Hayes-Roth. Integrating real-time AI techniques in adaptive intelligent agents. *Annual Review in Automatic Programming*, 19:1–11, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900361>.

Hasiewicz:1985:GII

- [HS85] Zygmunt Hasiewicz and Anna Stankiewicz. Global identification of interconnected steady-state systems by interaction balance method. *Annual Review in Automatic Programming*, 12 (part 1):267–271, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900400>.

Hubner:1992:MBD

- [Hüb92] T. Hübner. Model-based diagnosis of complex systems: Structuring and temporal reasoning. *Annual Review in Automatic Programming*, 16 (part 1):41–45, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190008Y>.

Hughes:1992:UPP

- [Hug92] R. T. Hughes. Using practitioners' problems to shape the content of a course on software project management. *Annual Review in Automatic Programming*, 167 (part 2):143–152, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290023I>.

Humby:1960:TCC

- [Hum60] E. Humby. TIDE: a commercial compiler for the IBM 650. *Annual Review in Automatic Programming*, 1:207–216, IN1–IN2, 217–219, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900434>.

Humby:1963:R

- [Hum63] E. Humby. Rapidwrite. *Annual Review in Automatic Programming*, 3:299–309, 1963. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413863800117>.

Hiraiwa:1992:EPR

- [HUS92] A. Hiraiwa, N. Uchida, and K. Shimohara. EMG pattern recognition by neural networks for prosthetic fingers control. *Annual Review in Automatic Programming*, 17:73–79, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991014X>.

Hilhorst:1992:SCM

- [HvALT92] R. A. Hilhorst, J. van Amerongen, P. Löhnberg, and H. J. A. F. Tulleken. Supervisory control of mode-switch processes: Application to a flexible beam. *Annual Review in Automatic Programming*, 17:195–200, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910333>.

Holden:1977:EPL

- [HW77] J. Holden and I. C. Wand. Experience with the programming language MODULA. *Annual Review in Automatic Programming*, 8:3–11, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900039>.

Ignova:1994:KII

- [IGM⁺94] M. Ignova, J. Glassey, G. A. Montague, A. C. Ward, and A. J. Morris. Knowledge integration for improved bioprocess supervision. *Annual Review in Automatic Programming*, 19:269–273, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900779>.

Iiffe:1961:UGS

- [Ili61] J. K. Iiffe. The use of the genie system in numerical calculation. *Annual Review in Automatic Programming*, 2:1–28, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800025>.

Ichbiah:1972:GCS

- [IM72] J. D. Ichbiah and S. P. Morse. General concepts of the Simula 67 programming language. *Annual Review in Automatic Programming*, 7 (part 1):65–93, 1972. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413872900043>.

Ivachnenko:1985:CSO

- [IM85] A. G. Ivachnenko and J. A. Müller. The contribution of self-organization to experimental system analysis. *Annual Review in Automatic Programming*, 12 (part 1):314–317, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900527>.

Inoue:1981:CPS

- [IMF⁺81] K. Inoue, H. Mitsuoka, S. Fujii, J. Yamashita, and J. Matsuki. Centralised programming system for process computer at Kimitsu works of Nippon Steel Corporation. *Annual Review in Automatic Programming*, 11:77–84, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900124>.

Irons:1963:SUS

- [Iro63] Edgar T. Irons. The structure and use of the syntax directed compiler. *Annual Review in Automatic Programming*, 3:207–227, January 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800087>.

Johannsen:1994:HIP

- [JA94] G. Johannsen and E. A. Averbukh. Human interaction for process supervision based on end-user knowledge and participation. *Annual Review in Automatic Programming*, 19:255–260, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900752>.

Jennings:1992:UGB

- [Jen92] N. R. Jennings. Using grate to build cooperating agents for industrial control. *Annual Review in Automatic Programming*, 17:397–402, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910655>.

James:1992:STD

- [JH92] J. R. James and C. J. Herget. Software tools for distributed intelligent control systems. *Annual Review in Automatic Programming*, 16 (part 1):87–90, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900143>.

Jiahua:1990:RTD

- [JHJ90] Wang Jiahua, Zheng Huaiyuan, and Zhu Jiakeng. A real-time distributed database system in cold tandem mill. *Annual Review in Automatic Programming*, 15 (part 1):83–86, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090032M>.

Jansen:1985:PIC

- [JK85] W. Jansen and E. U. Kriegel. Parameter identification in chaotic systems. *Annual Review in Automatic Programming*, 12 (part 1):162–169, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900199>.

Jakubowski:1985:ISN

- [JKW85] A. Jakubowski, R. Kulikowski, and D. Wagner. Interactive system for negotiations on allocation of research funds. *Annual Review in Automatic Programming*, 12 (part 1):202–207, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590028X>.

Janning:1988:IPT

- [JL88] T. Janning and C. Lewerentz. Integrated project team management in a software development environment. *Annual Review in Automatic Programming*, 14 (part 2):9–14, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413890900029>.

Janiak:1985:GLT

- [JS85] Adam Janiak and Anna Stankiewicz. Global and local time-optimal resource allocation in a sequence of projects. *Annual Review in Automatic Programming*, 12 (part 1):408–413, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900734>.

Jalel:1992:AIC

- [JST⁺92] N. A. Jalel, F. Shui, D. Tsaptsinos, R. Tang, W. Vanichsriratana, and J. R. Leigh. Artificial intelligence in the control of a class of fermentation processes. *Annual Review in Automatic Programming*, 17:441–446, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910722>.

Jager:1992:FIR

- [JVB92] R. Jager, H. B. Verbruggen, and P. M. Bruijn. Fuzzy inference in rule-based real-time control. *Annual Review in Automatic Programming*, 17:183–188, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991031X>.

Jinfu:1992:PCS

- [JX92] Sun Jinfu and Gao Xiaoqiang. Process control system for blast furnace based on artificial intelligence. *Annual Review in Automatic Programming*, 16 (part 1):159–163, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900279>.

Kalashnikov:1985:PMT

- [Kal85] V. V. Kalashnikov. Problems of methodology and technology for systems modelling and simulation. *Annual Review in Automatic Programming*, 12 (part 1):311–313, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900515>.

Kappatsch:1977:FAP

- [Kap77] Axel Kappatsch. A flexible approach to process communication. *Annual Review in Automatic Programming*, 8:13–18, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900040>.

Karr:1992:ASP

- [Kar92] C. L. Karr. An adaptive system for process control using genetic algorithms. *Annual Review in Automatic Programming*, 17:329–334, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910540>.

Kindler:1985:UTP

- [KCP85] Eugene Kindler, Stephen Chochol, and Charles Prokop. Universal transport processes. *Annual Review in Automatic Programming*, 12 (part 1):357–360, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900618>.

Kellermayr:1985:SLA

- [Kel85] Karl H. Kellermayr. Simulation of local area computer networks. *Annual Review in Automatic Programming*, 12 (part 1):433–436, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900795>.

Kaiser:1994:IAE

- [KGN94] M. Kaiser, A. Giordana, and M. Nuttin. Integrated acquisition, execution, evaluation, and tuning of elementary

skills for intelligent robots. *Annual Review in Automatic Programming*, 19:117–122, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900523>.

Kudoh:1981:EPC

- [KHM81] T. Kudoh, M. Hirayama, and K. Mikami. Evaluation of pipelined common processor in distributed processing system. *Annual Review in Automatic Programming*, 11:121–127, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900185>.

Kleinmann:1992:IRT

- [KHP92] K. Kleinmann, M. Hormel, and W. Paetsch. Intelligent real-time control of a multifingered robot gripper by learning incremental actions. *Annual Review in Automatic Programming*, 17:303–309, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910503>.

Kienegger:1992:DWE

- [Kie92] E. H. Kienegger. Development of a workstation environment for the assessment of a stormwater drainage fee. *Annual Review in Automatic Programming*, 167 (part 2):21–27, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413892900049>.

Kiwiel:1985:ALC

- [Kiw85] Krzysztof C. Kiwiel. An algorithm for linearly constrained nonsmooth convex multiobjective minimization. *Annual Review in Automatic Programming*, 12 (part 1):236–238, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900333>.

Krijgsman:1992:DRT

- [KJ92] A. J. Krijgsman and R. Jager. Development of real-time AI systems. *Annual Review in Automatic Programming*, 17:503–507, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910813>.

Krijgsman:1992:DFI

- [KJVB92] A. J. Krijgsman, R. Jager, H. B. Verbruggen, and P. M. Bruijn. Dice: a framework for intelligent real-time control. *Annual Review in Automatic Programming*, 16 (part 1):13–18, 1992. CO-

DEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190004U>.

Kapus-Kolar:1988:CLC

- [KK88] M. Kapus-Kolar. Construction of logically correct communication protocols without over-specification. *Annual Review in Automatic Programming*, 14 (part 2):83–88, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090015J>.

Karakas:1992:PMC

- [KKK92] Gy Karakas, G. Kazai, and E. Knuth. Project management by configuration inheritance. *Annual Review in Automatic Programming*, 167 (part 2):29–33, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290005A>.

Kouba:1992:SDC

- [KLM⁺92] Z. Kouba, J. Lažansky, V. Marik, G. Quirchmayr, W. Retschitzegger, T. Vlcek, and R. Wagner. Software development for CIM — a case study. *Annual Review in Automatic Programming*, 167 (part 2):11–19, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413892900038>.

Kuwahara:1981:RAA

- [KM81] H. Kuwahara and T. Miura. Recent advances of application and technology of industrial computers in Japan. *Annual Review in Automatic Programming*, 11:15–19, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900033>.

Kersual:1994:RRT

- [KM94] D. Kersual and A. Mensch. REAKT: a real time architecture for knowledge based systems. *Annual Review in Automatic Programming*, 19:319–324, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490085X>.

Kupferschmid:1985:EAN

- [KMEK85] M. Kupferschmid, K. Mohrmann, J. G. Ecker, and H. Kaufman. The ellipsoid algorithm: a new method for feedback gain optimization. *Annual Review in Automatic Pro-*

gramming, 13 (part 2):85–94, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904689>.

Kobayashi:1992:MIR

- [KMO⁺92] K. Kobayashi, R. Murai, H. Ogata, M. Takegaki, and T. Ishioka. A method of inducing rules for fuzzy controllers. *Annual Review in Automatic Programming*, 16 (part 1):133–138, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900224>.

Kaldma:1994:SAT

- [KMP⁺94] T. Kaldma, L. Motus, R. Paluoja, J. Tekko, and T. Tommingas. Specification and analysis of timing properties in a case tool CONRAD. *Annual Review in Automatic Programming*, 18:67–72, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900132>.

Knuth:1990:P

- [Knu90] Elod Knuth. Preface. *Annual Review in Automatic Programming*, 15 (part 1):vii, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090018M>.

Koch:1988:MME

- [Koc88] W. H. Koch. Methodical and management experiences from an extensive software project. *Annual Review in Automatic Programming*, 14 (part 2):31–36, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090006D>.

Kopf:1992:DRS

- [Kop92] M. J. Kopf. Development of reusable software for business information systems. *Annual Review in Automatic Programming*, 167 (part 2):85–90, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290013F>.

Kappatsch:1980:LUM

- [KPR⁺80] A. Kappatsch, F. Prunet, J. Robert, S. Savoysky, G. Verroust, and P. Wegmann. The LTPL-e universal I/O model for real-time programming. *Annual Review in Automatic Programming*,

10:19–28, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900040>.

Kraft:1985:OCH

- [Kra85] D. Kraft. Optimal control of a high performance wind tunnel. *Annual Review in Automatic Programming*, 13 (part 2):79–83, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904677>.

Koivisto:1992:PNN

- [KRK92] H. Koivisto, V. Ruoppila, and H. N. Koivo. Properties of the neural network internal model controller. *Annual Review in Automatic Programming*, 17:61–66, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910126>.

Krystyna:1985:EOL

- [Kry85] Kolesnik Krystyna. Events oriented language Pascalism. *Annual Review in Automatic Programming*, 12 (part 1):476–478, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900904>.

Kemp:1994:CCC

- [KSK94] B. Kemp, P. Soper, and A. King. Continuation compilation for concurrent logic programming. *Annual Review in Automatic Programming*, 19:299–305, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900825>.

Kokol:1992:MAI

- [KSŽ92] P. Kokol, B. Stiglic, and V. Žumer. Metaparadigm’s adventures: Incorporating design situations in software process design. *Annual Review in Automatic Programming*, 167 (part 2):117–120, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290018K>.

Kalaikov:1992:LCE

- [KTF92] I. Kalaikov, I. Todorov, and N. Fidanov. Low-cost environment for analysis and design of knowledge-based control algorithms. *Annual Review in Automatic Programming*, 17:509–513, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910825>.

Kunovsky:1985:NIP

- [Kun85] Jiří Kunovský. Numerical integration and parallel microprocessors systems. *Annual Review in Automatic Programming*, 12 (part 1):453–454, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900849>.

Kuvaja:1992:ECI

- [Kuv92] P. Kuvaja. Effects of case implementation on the productivity and maturity level of software development — a case study in a large industrial company. *Annual Review in Automatic Programming*, 167 (part 2):161–170, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290025K>.

Kuzmuk:1985:CPS

- [Kuz85] V. V. Kuzmuk. Concurrent process simulation by means of modified Petri nets. *Annual Review in Automatic Programming*, 12 (part 1):460–463, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900862>.

Krose:1992:LAC

- [KvD92] B. J. A. Kröse and J. W. M. van Dam. Learning to avoid collisions: a reinforcement learning paradigm for mobile robot navigation. *Annual Review in Automatic Programming*, 17:317–321, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910527>.

Kokol:1988:CCC

- [KZ88] P. Kokol and V. Zumer. Controlling complexity and cost of software projects with a spreadsheet software. *Annual Review in Automatic Programming*, 14 (part 2):75–82, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090014I>.

Linkens:1992:RTS

- [LA92] D. A. Linkens and M. F. Abbod. Real-time supervisory control for industrial processes. *Annual Review in Automatic Programming*, 17:377–382, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991062X>.

Larsson:1992:MBA

- [Lar92] J. E. Larsson. Model-based alarm analysis using MFM. *Annual Review in Automatic Programming*, 16 (part 1):121–126, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190020C>.

Lopes:1994:LDF

- [LCM94] L. Seabra Lopes and L. M. Camarinha-Matos. Learning to diagnose failures of assembly tasks. *Annual Review in Automatic Programming*, 19:97–103, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900493>.

leCalvez:1977:CGG

- [ICMM77] F. le Calvez, F. Madaule, and H. G. Mendelbaum. Compiling GAELIC: a global real time language. *Annual Review in Automatic Programming*, 8:35, 37–45, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900076>.

Litt:1985:NPI

- [LD85] F.-X Litt and J. Delcommune. Numerical problems involved in finding optimal control strategies by nonlinear programming techniques. *Annual Review in Automatic Programming*, 13 (part 2):103–110, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904707>.

Lecarme:1973:GPC

- [Lec73] O. Lecarme. A general purpose conversational system for graphical programming. *Annual Review in Automatic Programming*, 7 (part 3):171–197, 1973. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413873900050>.

Leitch:1992:KBC

- [Lei92] R. Leitch. Knowledge based control: Selecting the right tool for the job. *Annual Review in Automatic Programming*, 17:1–9, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910035>.

Lunderstaedt:1992:KBS

- [LH92] R. A. Lunderstaedt and Th. Hillemann. Knowledge based sensor fault detection for gas turbines under consideration of model based methods. *Annual Review in Automatic Programming*, 17:287–292, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910473>.

Lightbody:1992:NNM

- [LI92] G. Lightbody and G. Irwin. Neural network modelling and control of a plant exhibiting the jump phenomena. *Annual Review in Automatic Programming*, 17:37–42, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910084>.

Lions:1985:BCH

- [Lio85] J-L Lions. Boundary control of hyperbolic systems and homogenization theory. *Annual Review in Automatic Programming*, 13 (part 2):95–101, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904690>.

Lelashvili:1985:NAA

- [LK85] Sh Lelashvili and K. Khundadze. The nonlinear algorithm of adaptive identification. *Annual Review in Automatic Programming*, 12 (part 1):340–343, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900588>.

Laengle:1994:DCD

- [LL94] Th Laengle and T. C. Lueth. Decentralized control of distributed intelligent robots and subsystems. *Annual Review in Automatic Programming*, 19:281–286, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900795>.

Lun:1989:DIO

- [LM89] V. Lun and I. M. MacLeod. Distributed intelligent objects in an architecture for real-time monitoring and control. *Annual Review in Automatic Programming*, 15 (part 2):25–30, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900050>.

Lord:1977:PES

- [LMK77] R. Lord, J. Millar, and R. Kahane. A procedure for the estimation of software development costs. *Annual Review in Automatic Programming*, 8:211, 213–227, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900283>.

Laplante:1994:RRT

- [LMS94] P. Laplante, T. Marlowe, and A. Stoyenko. Requirements for a real-time image processing language. *Annual Review in Automatic Programming*, 18:175–180, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900302>.

Linkens:1992:UAR

- [LN92a] D. A. Linkens and Junhong Nie. A unified approximate reasoning approach for real-time expert control system applications. *Annual Review in Automatic Programming*, 16 (part 1):69–74, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190011Y>.

Linkens:1992:RTA

- [LN92b] D. A. Linkens and H. O. Nyongesa. Real-time acquisition of fuzzy rules using genetic algorithms. *Annual Review in Automatic Programming*, 17:335–339, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910552>.

Lan:1989:MCN

- [LNYz89] Zhou Lan, Ye Nan, and Lu Yong-zai. Modelling and control for nonlinear time-delay system via pattern recognition approach. *Annual Review in Automatic Programming*, 15 (part 2):43–48, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900086>.

Locke:1985:STS

- [Loc85] M. Locke. Some trends in systems theory concerning the mathematical modeling of weakly structured systems. *Annual Review in Automatic Programming*, 12 (part 1):158–161, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900187>.

Lukas:1989:EES

- [LOKK89] M. P. Lukas, R. A. Oyen, M. A. Keyes, and A. Kaya. Evolution of expert systems for real-time process management: a case study on motor control. *Annual Review in Automatic Programming*, 15 (part 2):79–84, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900153>.

LeParc:1994:TPM

- [LQM94] P. Le Parc, B. Queguineur, and L. Marcé. Two proof methods for the GRAFCET language. *Annual Review in Automatic Programming*, 18:61–65, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900124>.

Lunze:1992:LBP

- [LS92] J. Lunze and F. Schiller. Logic-based process diagnosis utilising the causal structure of dynamical systems. *Annual Review in Automatic Programming*, 17:279–285, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910461>.

Laube:1994:AIP

- [LS94] S. J. P. Laube and E. F. Stark. Artificial intelligence in process control of pulsed laser deposition. *Annual Review in Automatic Programming*, 19:129–134, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490054X>.

Lewoc:1990:DDB

- [LST90] J. B. Lewoc, E. Ślusarska, and A. Tomczyk. A distributed data base for real-time control/monitoring of power plants. *Annual Review in Automatic Programming*, 15 (part 1):75–81, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090031L>.

LeStrugeon:1992:KSR

- [LTK92] E. Le Strugeon, M. Tendjaoui, and C. Kolski. Knowledge specification and representation for an “intelligent” interface devoted to process monitoring and supervision. *Annual Review in Automatic Programming*, 17:201–206, 1992. CODEN ????

ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910345>.

Ludewig:1980:PCS

- [Lud80] J. Ludewig. Process control software specification in PCSL. *Annual Review in Automatic Programming*, 10:103–109, 1980. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413882900143>.

Ludewig:1981:SSL

- [Lud81] J. Ludewig. Specification of a specification language. *Annual Review in Automatic Programming*, 11:63–68, 1981. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413881900100>.

Lukaszewicz:1961:SAC

- [Luk61] Leon Lukaszewicz. SAKO — an automatic coding system. *Annual Review in Automatic Programming*, 2:161–176, 1961. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800086>.

Lunze:1985:SAI

- [Lun85] J. Lunze. Stability analysis of interconnected systems by means of aggregate subsystem models. *Annual Review in Automatic Programming*, 12 (part 1):291–294, 1985. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413885900461>.

Lucas:1969:FDP

- [LW69] P. Lucas and K. Walk. On the formal description of PL/I. *Annual Review in Automatic Programming*, 6 (part 3):105–182, 1969. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413869900056>.

Li-wei:1989:NNB

- [LwYz89] Bao Li-wei and Lu Yong-zai. Neural network based real-time production scheduling for industrial processes. *Annual Review in Automatic Programming*, 15 (part 2):85–90, 1989. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413889900165>.

Marsh:1964:JC

- [Mar64] Donald G. Marsh. JOVIAL in class. *Annual Review in Automatic Programming*, 4:167–181, January 1964. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413864900175>.

Martin:1992:OLM

- [Mar92] David J. L. Martin. Organisation of a large multi-national systems development. *Annual Review in Automatic Programming*, 167 (part 2):1–9, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413892900027>.

Miyoshi:1981:PSP

- [MAU+81] Y. Miyoshi, A. Asanuma, H. Ukaji, N. Nagata, and O. Sasaki. PROSUS: a software package for industrial control. *Annual Review in Automatic Programming*, 11:69–76, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900112>.

Mazurkiewicz:1961:AFU

- [Maz61] A. W. Mazurkiewicz. Arithmetic formulae and the use of subroutines in SAKO. *Annual Review in Automatic Programming*, 2:177–195, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800098>.

Mills:1994:TNS

- [MBH94] D. J. Mills, M. Brown, and C. J. Harris. Training neurofuzzy systems. *Annual Review in Automatic Programming*, 19:191–196, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900647>.

Michal:1992:EAE

- [MBK92] J. Michal, D. Burian, and P. Kmínek. Educational aspect of expert control of technological processes. *Annual Review in Automatic Programming*, 17:165–169, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991028X>.

Militky:1985:DIP

- [MČ85] Jiří Militký and Jaroslav Čáp. Detection of influential points in general nonlinear problems. *Annual Review in Automatic Programming*, 12 (part 1):365–368, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900631>.

Marchai:1992:DIS

- [MC92] J. M. Marchai and E. F. Camacho. Design of an intelligent supervisor of a ship engine room. *Annual Review in Automatic Programming*, 17:141–146, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910242>.

McGee:1969:GFP

- [McG69] William C. McGee. Generalized file processing. *Annual Review in Automatic Programming*, 5 (part 2):77–149, January 1969. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413869900032>.

McGettrick:1978:IFD

- [McG78] Andrew D. McGettrick. An introduction to the formal definition of ALGOL 68. *Annual Review in Automatic Programming*, 9 (part 1):1–84, January 1978. CODEN ARVAAM. ISBN 0-08-023056-3. ISSN 0066-4138 (print), 1878-545x (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413878900010>.

McKelvey:1992:NNA

- [McK92] T. McKelvey. Neural networks applied to optimal flight control. *Annual Review in Automatic Programming*, 17:19–23, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910059>.

Machado:1988:RTS

- [MdCMC88] J. A. T. Machado, J. L. M. de Carvalho, J. A. S. Matos, and A. M. C. Costa. A real-time system for robot manipulator inverse dynamics computation. *Annual Review in Automatic Programming*, 14 (part 1):63–68, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900109>.

Meggitt:1960:APN

- [Meg60] J. E. Meggitt. Auto-programming for numerically controlled machine tools. *Annual Review in Automatic Programming*, 1: 220–229, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900446>.

Melli:1988:ASP

- [Mel88] R. Melli. Automated software project planning and control. *Annual Review in Automatic Programming*, 14 (part 2):1–7, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413890900018>.

Mark:1977:EDI

- [MEN77] Anthony Mark, Otto Eggenberger, and Jürgen Nehmer. Experiences in the design and implementation of a structured real-time operating system. *Annual Review in Automatic Programming*, 8:130, 133–137, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900180>.

Meske:1994:CDA

- [Mes94] Hans-Peter Meske. Conceptual design of an architecture for hard real time computing. *Annual Review in Automatic Programming*, 18:95–100, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900175>.

Metcalf:1964:PCB

- [Met64] Howard H. Metcalfe. A parameterized compiler based on mechanical linguistics. *Annual Review in Automatic Programming*, 4:125–165, 1964. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413864900163>.

Milovanovic:1988:LSP

- [MHS⁺88] R. Milovanovic, M. Hajdukovic, Z. Salcic, E. Humo, and M. Kantardzic. A large software project — lessons learned. *Annual Review in Automatic Programming*, 14 (part 2):37–40, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413890900007E>.

Mitchell:1988:APS

- [Mit88] R. J. Mitchell. Applying the principle of separation of concerns in software development. *Annual Review in Auto-*

matic Programming, 14 (part 1):21–27, 1988. CODEN ????
ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900043>.

Morgan:1985:ASP

- [ML85] J. Morgan and P. Loridan. Approximation of the Stackelberg problem and applications in control theory. *Annual Review in Automatic Programming*, 13 (part 2):121–124, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904720>.

MacLeod:1992:TDR

- [ML92] I. M. MacLeod and V. Lun. Towards distributed real-time intelligence. *Annual Review in Automatic Programming*, 16 (part 1):1–7, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190002S>.

Magni:1992:GTO

- [MMA92] J.-F. Magni, P. Mouyon, and M. I. Arsan. Geometric tools for an observer-based approach to residual generation. *Annual Review in Automatic Programming*, 17:229–233, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910382>.

Munoz:1994:NUP

- [MMO94] V. Muñoz, J. L. Martínez, and A. Ollero. Navigation with uncertain position estimation in the RAM-1 mobile robot. *Annual Review in Automatic Programming*, 19:215–219, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490068X>.

Montague:1992:NNM

- [MMW92] G. A. Montague, A. J. Morris, and M. J. Willis. Neural networks (methodologies for process modelling and control). *Annual Review in Automatic Programming*, 17:43–48, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910096>.

Molnar:1985:NAH

- [MNV85] Ľudovít Molnár, Pavol Návrát, and Vladimír Vojtek. A new algorithm for heuristic search which uses hints. *Annual Review in Automatic Programming*, 12 (part 1):177–181, 1985. CODEN ????

ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413885900229>.

Moody:1990:DDD

- [Moo90] J. K. M. Moody. Digital design with a distributed environment in mind. *Annual Review in Automatic Programming*, 15 (part 1):9–15, 1990. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/006641389090020R>.

Moritz:1985:COL

- [Mor85] K. Moritz. Computation of open-loop solutions for zero-sum differential games by parametrization. *Annual Review in Automatic Programming*, 13 (part 2):125–130, 1985. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413885904732>.

Mori:1992:MCP

- [Mor92] H. Mori. Monitoring and control of power system voltage stability using an artificial neural network. *Annual Review in Automatic Programming*, 17:81–86, 1992. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910151>.

Mostert:1994:ASR

- [Mos94] S. Mostert. An architecture supporting real-time programming and implementations. *Annual Review in Automatic Programming*, 18:145–150, 1994. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900256>.

Motus:1992:AIH

- [Mot92] L. Motus. Artificial intelligence in hard real-time — a new paradigm needed? *Annual Review in Automatic Programming*, 16 (part 1):9–12, 1992. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/006641389190003T>.

Motus:1994:TAI

- [Mot94] L. Motus. Trends in artificial intelligence applications for real-time control (a speculative study). *Annual Review in Automatic Programming*, 19:31–41, 1994. CODEN ???

ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900396>.

Massacci:1985:OCS

- [MP85] P. Massacci and G. Patrizi. Optimal control and stochastic control policies in mineral and metallurgical processing. *Annual Review in Automatic Programming*, 13 (part 2):111–120, 1985. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413885904719>.

Maechtel:1994:ROS

- [MR94] M. Maechtel and H. Rzehak. On realtime operating systems: How to compare performance? *Annual Review in Automatic Programming*, 18:139–144, 1994. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900248>.

Mazo:1994:ECW

- [MRL⁺94] M. Mazo, F. J. Rodriguez, J. L. Lázaro, J. Ureña, J. C. García, E. Santiso, P. Revenga, and J. J. García. Electronic control for a wheel-chair guided by oral commands and ultrasonic and infrared sensors. *Annual Review in Automatic Programming*, 19:249–254, 1994. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900744>.

Mazo:1994:RFA

- [MRSS94] M. Mazo, F. J. Rodriguez, E. Santiso, and M. A. Sotelo. Road following by artificial vision using neural network. *Annual Review in Automatic Programming*, 19:209–214, 1994. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/0066413894900671>.

Meijer:1992:ICE

- [MS92a] B. R. Meijer and J. Stigter. Integration of control and error management for a flexible assembly cell, using a cost function. *Annual Review in Automatic Programming*, 17:207–212, 1992. CODEN ??? ISSN ??? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910357>.

Mittermeir:1992:SIS

- [MS92b] R. T. Mittermeir and R. A. Schlemmer. Stepwise improvement of the software-process in a multidimensional framework. *Annual*

Review in Automatic Programming, 167 (part 2):63–70, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290010M>.

Macleod:1994:SSD

- [MS94] I. M. Macleod and A. Stothert. A simulation study of distributed intelligent control for a deep shaft mine winder. *Annual Review in Automatic Programming*, 19:293–298, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900817>.

Marlowe:1994:MGO

- [MSL⁺94] T. J. Marlowe, A. D. Stoyenko, P. A. Laplante, R. S. Daita, C. C. Amaro, C. M. Nguyen, and S. L. Howell. Multiple-goal objective functions for optimization of task assignment in complex computer systems. *Annual Review in Automatic Programming*, 18:55–60, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900116>.

Morasso:1977:ICB

- [MSTZ77] P. Morasso, G. Sandini, V. Tagliasco, and R. Zaccaria. Interactive control of a biomedical manipulator. *Annual Review in Automatic Programming*, 8:199–205, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641387790026X>.

Miki:1994:PPR

- [MTK⁺94] M. Miki, Y. Tamura, T. Kakumu, T. Hirai, and K. Itoh. Performance prototyping for a real time system with qualitative parameter tuning methods. *Annual Review in Automatic Programming*, 18:27–32, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490006X>.

Nilsson:1992:MBD

- [NAP92] A. Nilsson, K.-E. Arzén, and T. F. Petti. Model-based diagnosis-state transition events and constraint equations. *Annual Review in Automatic Programming*, 17:359–364, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S006641380991059X>.

Naur:1964:ARR

- [Nau64a] Peter Naur. Appendix: Revised report on the algorithmic language ALGOL 60. *Annual Review in Automatic Programming*, 4:217–258, January 1964. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413864900205>.

Naur:1964:DGA

- [Nau64b] Peter Naur. The design of the GIER ALGOL compiler. *Annual Review in Automatic Programming*, 4:49–85, January 1964. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/006641386490014X>.

Nevriva:1985:DBO

- [Nev85] Pavel Nevřiva. The data-based optimal control algorithms. *Annual Review in Automatic Programming*, 12 (part 1):390–393, 1985. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413885900692>.

Nakanishi:1977:DLS

- [NHIK77] Hiroaki Nakanishi, Koji Harai, Jushi Ide, and Toshiro Kamiuchi. Distributed load sharing functions in multi-computer system. *Annual Review in Automatic Programming*, 8:119–124, 1977. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413877900167>.

Nohmi:1981:MBB

- [NIYY81] M. Nohmi, H. Ihara, M. Yabushita, and M. Yasunami. Microcomputer based on-board real-time control system for automated guideway rapid transit system. *Annual Review in Automatic Programming*, 11:43–48, 1981. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413881900070>.

Nowinski:1992:KAP

- [NK92] G. Nowinski and V. Krebs. A knowledge acquisition and processing strategy based on formal concept analysis. *Annual Review in Automatic Programming*, 17:103–108, 1992. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/S0066413809910187>.

Nacsa:1994:CPE

- [NK94] J. Nacsa and G. L. Kovács. Communication problems of expert systems in manufacturing environment. *Annual Review in Automatic Programming*, 19:243–247, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900736>.

Naito:1981:MPP

- [NKIT81] K. Naito, H. Kato, K. Ikenouchi, and T. Tagami. The multi-processor process computer system employing a data way used at the yawata no. 3 steelmaking plant. *Annual Review in Automatic Programming*, 11:35–42, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900069>.

Nicolas:1994:DFH

- [NLÁR94] C. F. Nicolás, E. Lombraña, A. Álvarez, and R. Rejero. Derivation of fuzzy hybrid models for real-time fuzzy control design: Application to a furnace. *Annual Review in Automatic Programming*, 19:85–89, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900477>.

Nakamori:1992:IHF

- [NS92] Y. Nakamori and Y. Sawaragi. Implementation of a human-friendly systems methodology for intelligent control system modelling and simulation. *Annual Review in Automatic Programming*, 17:109–114, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910199>.

Nakagawa:1992:PKA

- [NSY92] T. Nakagawa, Y. Sawaragi, and Y. Yagihara. Process knowledge acquisition and control by quantitative and qualitative complementarity. *Annual Review in Automatic Programming*, 17:353–358, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910588>.

Ng:1994:TPR

- [NY94] Jim M. Ng and Norris T. C. Yu. Transport protocol for real-time multimedia communication. *Annual Review in Automatic Programming*, 18:15–20, 1994. CODEN ???? ISSN

???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900043>.

Oberle:1985:NTM

- [Obe85] H. J. Oberle. Numerical treatment of minimax control problems by multiple shooting. *Annual Review in Automatic Programming*, 13 (part 2):131–138, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904744>.

Orasanu:1985:CSP

- [OGF85] L. Orășanu, R. Gaspar, and F. G. Filip. A CAD system of the physical control structure for large scale systems. *Annual Review in Automatic Programming*, 12 (part 1):445–448, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900825>.

Ozaki:1992:RBI

- [OHS92] N. Ozaki, K. Harayama, W. Shinohara, and S. Hayashi. Recovery boiler intelligent control. *Annual Review in Automatic Programming*, 16 (part 1):139–143, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900235>.

Ono:1989:EFS

- [Ono89] O. Ono. An extended feedback structure of intelligent computer-aided control systems design based on object-oriented language. *Annual Review in Automatic Programming*, 15 (part 2):59–64, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900116>.

Ortner:1988:DSP

- [OR88] E. Ortner and J. Röhrle. Dictionary-supported prototyping of database applications. *Annual Review in Automatic Programming*, 14 (part 2):21–25, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090004B>.

Ord-Smith:1960:SZS

- [OS60] R. J. Ord-Smith. The STANTEC-ZEBRA simple code and its interpretation. *Annual Review in Automatic Programming*, 1: 146–168, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900380>.

Osyczka:1985:IMD

- [Osy85] Andrzej Osyczka. An interactive multicriterion decision making system. *Annual Review in Automatic Programming*, 12 (part 1):208–211, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900291>.

Ohba:1981:FHL

- [OTTK81] M. Ohba, Y. Tanitsu, N. Takimoto, and H. Kadota. Functor: a higher-level co-operating program model. *Annual Review in Automatic Programming*, 11:21–28, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900045>.

Palmgren:1988:MBD

- [PA88] B. Palmgren and F. Aasma. Microprocessor based development tool — design and realization of SISO controllers. *Annual Review in Automatic Programming*, 14 (part 1):57–62, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900092>.

Pao:1992:NNC

- [Pao92a] Yoh-Han Pao. Neural net control. *Annual Review in Automatic Programming*, 17:11–17, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910047>.

Pao:1992:RTE

- [Pao92b] Yoh-Han Pao. Real-time environments for intelligent control. *Annual Review in Automatic Programming*, 17:475–482, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910771>.

Pao:1994:CIP

- [Pao94] Y. H. Pao. A computational intelligence perspective on process monitoring and optimization. *Annual Review in Automatic Programming*, 19:25–30, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900388>.

Parizek:1985:ERS

- [Par85] Peter Parížek. Experience and results in simulation modeling of computer networks. *Annual Review in Automatic*

Programming, 12 (part 1):441–444, 1985. CODEN ????
ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900813>.

Payne:1960:OEP

- [Pay60] W. F. M. Payne. Operational experience with the PEGASUS Autocode. *Annual Review in Automatic Programming*, 1:58–63, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641386090032X>.

Pessi:1994:MRT

- [PB94] E. Pessi and E. Bullo. MORSAF: a real-time assistant for the management of a petrochemical plant. *Annual Review in Automatic Programming*, 19:341–346, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900884>.

Peters:1994:LDN

- [PBMR94] J. F. Peters, L. Baumela, D. Maravall, and S. Ramanna. Logical design of neural controllers. *Annual Review in Automatic Programming*, 19:179–184, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900620>.

Patton:1992:LRC

- [PC92] R. J. Patton and J. Chen. On-line residual compensation in robust fault diagnosis of dynamic systems. *Annual Review in Automatic Programming*, 17:221–227, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910370>.

Pao:1992:NNA

- [PCY92] Yoh-Han Pao, H. J. Chizeck, and P. P. C. Yip. Neural-net augmentation of adaptive predictive control. *Annual Review in Automatic Programming*, 16 (part 1):109–113, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900187>.

Pyle:1980:APC

- [PEGR80] I. C. Pyle, P. Elzer, S. J. Goldsack, and J. Robert. ADA in process control. *Annual Review in Automatic Programming*, 10:57–62, 1980. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X

(electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413882900088>.

Perne:1992:SCE

- [Per92] R. Perne. Supervision and control of an exothermic batch process. *Annual Review in Automatic Programming*, 17:247–251, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910412>.

Pym:1961:EAM

- [PF61] J. Pym and G. K. Findlay. The Elliott 803 Autocode Mark 2. *Annual Review in Automatic Programming*, 2:77–113, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800050>.

Precigout:1992:ESS

- [PF92] J.-P. Précigout and J. Favaro. The European space software development environment. *Annual Review in Automatic Programming*, 167 (part 2):95–102, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290015H>.

Pfeiffer:1994:IFR

- [Pfe94] Bernd-Markus Pfeiffer. Identification of fuzzy rules from learning data. *Annual Review in Automatic Programming*, 19:49–54, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900418>.

Peter:1985:IIP

- [PFTD85] Lorenz Peter, Preuss Fritz, Schulze Thomas, and Ziems Dietrich. IPS — interactive programming environment for simulation. *Annual Review in Automatic Programming*, 12 (part 1): 487–489, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590093X>.

Pearcey:1960:MSA

- [PHW60] T. Pearcey, S. N. Higgins, and P. M. Woodward. The mark 5 system of automatic coding for TREAC. *Annual Review in Automatic Programming*, 1:23–31, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900306>.

Pierson:1985:OAL

- [Pie85] B. L. Pierson. Optimal aircraft landing-approach trajectories: a comparison of two dynamic models. *Annual Review in Automatic Programming*, 13 (part 2):139–145, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904756>.

Pirotte:1973:ATP

- [Pir73] Alain Pirotte. Automatic theorem proving based on resolution. *Annual Review in Automatic Programming*, 7 (part 4):201–266, 1973. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413873900013>.

Pendic:1988:AEQ

- [PKS88] Z. R. Pendić, Lj Kovačević, and J. Stupar. An approach to evaluation of quality of integrated information systems. *Annual Review in Automatic Programming*, 14 (part 2):63–68, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090012G>.

Peschel:1985:ECM

- [PMH85] M. Peschel, W. Mende, and J. Hofbauer. Exponential chains as models for growth processes. *Annual Review in Automatic Programming*, 12 (part 1):82–90, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900084>.

Pohjolainen:1985:STR

- [Poh85] S. Pohjolainen. A self-tuning robust controller for semilinear parabolic systems. *Annual Review in Automatic Programming*, 13 (part 2):147–156, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904768>.

Popescu:1985:ECA

- [Pop85] Th. D. Popescu. Experiences with a computer aided procedure for time series analysis and forecasting using Box-Jenkins philosophy. *Annual Review in Automatic Programming*, 12 (part 1):361–364, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590062X>.

Park:1994:NNB

- [PPE⁺94] G. H. Park, Y. H. Pao, K. G. Eyink, S. R. Leclair, and M. S. Soclof. Neural-net based optical ellipsometry for monitoring growth of semiconductor films. *Annual Review in Automatic Programming*, 19:123–128, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900531>.

Perez:1994:IKR

- [PPMM94] J. A. Perez, J. Pujol, and P. R. Muro-Medrano. Increasing a knowledge representation schema for FMS control with fault detection and error recovery capabilities. *Annual Review in Automatic Programming*, 19:313–317, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900841>.

Pleyber:1977:SSL

- [PS77] Joël Pleyber and Manuel Silva. Software specification language for sequential processes. *Annual Review in Automatic Programming*, 8:67–73, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900106>.

Plustwik:1985:TRT

- [PS85] Hermann W. Plustwik and Peter P. Schreiber. A trilogy for real time information. *Annual Review in Automatic Programming*, 12 (part 1):212–225, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900308>.

Puchol:1994:AHP

- [Puc94] Carlos Puchol. Achieving high performance sonar-based wall-following. *Annual Review in Automatic Programming*, 19:233–236, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389490071X>.

Puta:1985:TDU

- [Put85] H. Puta. Trajectory decomposition used for control design in water systems. *Annual Review in Automatic Programming*, 12 (part 1):303–306, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900497>.

Prenevitchius:1985:ACN

- [PV85] H. Prenevitchius and E. Valekevitchius. Automatic construction of numerical models for systems represented by Markovian processes. *Annual Review in Automatic Programming*, 12 (part 1):336–339, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900576>.

Papp:1992:EER

- [PvWD92] Z. Papp, J. A. van Woerden, and B. J. F. Driessen. An execution environment for real-time model-based supervisory control and diagnostic systems. *Annual Review in Automatic Programming*, 17:521–526, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910849>.

Rauber:1994:LSP

- [RBSG94] T. W. Rauber, M. M. Barata, and A. S. Steiger-Garção. Learning of specific process monitors in machine tool supervision. *Annual Review in Automatic Programming*, 19:105–110, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900507>.

Raju:1992:TR

- [RC92] G. K. Raju and C. L. Cooney. Temporal reasoning. *Annual Review in Automatic Programming*, 17:447–452, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910734>.

Rastrigin:1985:APM

- [RE85] L. A. Rastrigin and J. Y. Eiduk. Adaptation in problems of multi-criteria optimization. *Annual Review in Automatic Programming*, 12 (part 1):226–229, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590031X>.

Redish:1960:SPU

- [Red60] K. A. Redish. Some problems of a universal autocode. *Annual Review in Automatic Programming*, 1:16–22, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641386090029X>.

Reinisch:1985:HLC

- [Rei85a] K. Reinisch. Hierarchical on-line control with applications to regional water distribution and agricultural systems. *Annual Review in Automatic Programming*, 12 (part 1):91–104, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900096>.

Reinschke:1985:SPL

- [Rei85b] K. J. Reinschke. Structural properties of linear control systems should be investigated by means of graphs. *Annual Review in Automatic Programming*, 12 (part 1):280–283, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900436>.

Rodd:1994:NPD

- [RHJ+94] M. G. Rodd, J. D. Holt, A. V. Jones, M. Zhao, and M. B. Zungu. A new paradigm for distributed, integrated, real-time control systems. *Annual Review in Automatic Programming*, 19:287–292, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900809>.

Rich:1961:ACC

- [Ric61] R. P. Rich. APT, a common computer language. *Annual Review in Automatic Programming*, 2:141–159, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800074>.

Rudzinska:1985:SOC

- [RK85] K. Rudzinska and H. Kormanski. Software for optimal control of dynamic systems. *Annual Review in Automatic Programming*, 13 (part 2):171–176, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904781>.

Respondek:1989:HSS

- [RK89] T. Respondek and V. Krebs. Hardware and software structure of a real-time expert system for control of chemical plants. *Annual Review in Automatic Programming*, 15 (part 2):37–42, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900074>.

Rew:1985:CSA

- [RKC85] Dongwon Rew, H. J. Kelley, and E. M. Cliff. A computational study of active-set logics for nonlinear programming. *Annual Review in Automatic Programming*, 13 (part 2):157–170, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590477X>.

Rutherford:1994:CSP

- [RLM94] P. Rutherford, B. Lennox, and G. A. Montague. Case studies in process modelling and condition monitoring using artificial neural networks. *Annual Review in Automatic Programming*, 19:141–146, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900566>.

Renders:1992:GAP

- [RNB92] J. M. Renders, J. P. Nordvik, and H. Bersini. Genetic algorithms for process control: a survey. *Annual Review in Automatic Programming*, 17:323–328, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910539>.

Schafer:1985:OCC

- [rnhWS85] rer. nat. habil. Wolfgang Schäfer. Optimal control of complex systems. *Annual Review in Automatic Programming*, 12 (part 1): 284–287, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900448>.

Robinson:1960:APD

- [Rob60] C. Robinson. Automatic programming on DEUCE. *Annual Review in Automatic Programming*, 1:111–126, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900367>.

Rodd:1990:RTI

- [Rod90] M. G. Rodd. Real-time issues in distributed data bases for real-time control. *Annual Review in Automatic Programming*, 15 (part 1):1–7, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090019N>.

Ronaldson:1960:PEA

- [Ron60] P. M. Ronaldson. PEGASUS: an example of an autocoded program for sales analysis and forecasting. *Annual Review in Automatic Programming*, 1:64–80, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900331>.

Ramanna:1992:ECT

- [RP92] S. Ramanna and J. F. Peters. Explicit clock temporal logic in constraint checking for real-time systems. *Annual Review in Automatic Programming*, 16 (part 1):47–58, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190009Z>.

Robinson:1992:DIM

- [RPF⁺92] G. Robinson, S. Pallett, R. Fripp, J. Mullhi, and A. Spence. The development of an intelligent monitoring and control system for a solvent extraction process. *Annual Review in Automatic Programming*, 17:383–389, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910631>.

Rauterberg:1992:WOS

- [RS92a] M. Rauterberg and O. Strohm. Work organization and software development. *Annual Review in Automatic Programming*, 167 (part 2):121–128, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290019L>.

Rodd:1992:P

- [RS92b] M. G. Rodd and G. J. Suski. Preface. *Annual Review in Automatic Programming*, 16 (part 1):vii, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190001R>.

Romano:1992:NLI

- [RTC92] J. M. G. Romano, J. A. Ternero, and E. F. Camacho. Natural language interface for process control centers. *Annual Review in Automatic Programming*, 16 (part 1):103–108, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900176>.

Rushing:1985:DLS

- [Rus85] J. R. Rushing. A description of an on-line statistical quality control package. *Annual Review in Automatic Programming*, 13 (part 1):9–16, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904379>.

Russell:1992:FSA

- [Rus92] D. W. Russell. Further studies in A.I. augmented process control using the BOXES methodology. *Annual Review in Automatic Programming*, 16 (part 1):75–79, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190012Z>.

Rutishauser:1961:IAP

- [Rut61] H. Rutishauser. Interference with an ALGOL-procedure. *Annual Review in Automatic Programming*, 2:67–75, January 1961. CODEN ARAPDX. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413861800049>.

Rutishauser:1963:URP

- [Rut63] H. Rutishauser. The use of recursive procedures in ALGOL 60. *Annual Review in Automatic Programming*, 3:43–51, January 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S006641386380004X>.

Rodd:1989:KBV

- [RW89] M. G. Rodd and Q. M. Wu. Knowledge-based vision systems in real-time control. *Annual Review in Automatic Programming*, 15 (part 2):13–18, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900037>.

Rada:1992:CSR

- [RWMC92] R. Rada, W. Wang, A. Michailidis, and C. Chen. Collaborative software reuse integrated into the work flow. *Annual Review in Automatic Programming*, 167 (part 2):79–83, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290012E>.

Sabathe:1977:CIA

- [Sab77] J. P. Sabathe. Computer implementation of automata for electricity distribution control. *Annual Review in Automatic Programming*, 8:169, 171–180, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900234>.

Sammet:1961:DDC

- [Sam61a] Jean E. Sammet. Detailed description of COBOL. *Annual Review in Automatic Programming*, 2:197–230, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800104>.

Sammet:1961:GVC

- [Sam61b] Jean E. Sammet. General views on COBOL. *Annual Review in Automatic Programming*, 2:345–349, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800153>.

Samuel:1969:SSM

- [Sam69] A. L. Samuel. Some studies in machine learning using the game of checkers. II — recent progress. *Annual Review in Automatic Programming*, 6 (part 1):1–36, 1969. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413869900044>.

Singh:1985:PSM

- [SAM85] M. G. Singh, A. Y. Allidina, and K. Malinowski. Parallel simulation methods for dynamical systems: issues and challenges. *Annual Review in Automatic Programming*, 12 (part 1):15–28, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900023>.

Sarancha:1985:MMT

- [Sar85] D. A. Sarancha. Mathematical models of tundra communities and populations. *Annual Review in Automatic Programming*, 12 (part 1):377–379, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900667>.

Saukkonen:1992:SPM

- [Sau92] S. Saukkonen. Software project management education — experiences of training full-time professionals. *Annual Review in Au-*

tomatic Programming, 167 (part 2):139–142, 1992. CODEN ????
ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/006641389290022H](https://www.sciencedirect.com/science/article/pii/006641389290022H).

Savoysky:1980:ADA

- [Sav80] S. Savoysky. Analysis and description of automatic control system. *Annual Review in Automatic Programming*, 10:45–55, 1980. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL [https://www.sciencedirect.com/science/
article/pii/0066413882900076](https://www.sciencedirect.com/science/article/pii/0066413882900076).

Savoysky:1981:UAS

- [Sav81] S. Savoysky. The use of Ada for the specification of automata in civil engineering. *Annual Review in Automatic Programming*, 11:129–138, 1981. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL [https://www.sciencedirect.
com/science/article/pii/0066413881900197](https://www.sciencedirect.com/science/article/pii/0066413881900197).

Simo:1994:RTP

- [SC94] José Simó and Alfons Crespo. Real time planning in n-dim state space. *Annual Review in Automatic Programming*, 19: 307–312, 1994. CODEN ???? ISSN ???? URL [https://www.
sciencedirect.com/science/article/pii/0066413894900833](https://www.sciencedirect.com/science/article/pii/0066413894900833).

Schrott:1977:GDR

- [Sch77] Gerhard Schrott. Generation of dedicated realtime operating systems by dialogue. *Annual Review in Automatic Programming*, 8:145–151, 1977. CODEN ???? ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/0066413877900209](https://www.sciencedirect.com/science/article/pii/0066413877900209).

Schoitsch:1980:ICC

- [Sch80] E. Schoitsch. Implementation of conditional critical regions in systems using different process communication techniques. *Annual Review in Automatic Programming*, 10:29–38, 1980. CODEN ???? ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/0066413882900052](https://www.sciencedirect.com/science/article/pii/0066413882900052).

Schmandt:1985:SET

- [Sch85a] Jurgen Schmandt. Scientific evidence and technically complex policy issues. *Annual Review in Automatic Programming*, 12 (part 1):170–173, 1985. CODEN ???? ISSN

???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900205>.

Schmidt:1985:GFV

- [Sch85b] B. Schmidt. GPSS-FORTRAN version 3. *Annual Review in Automatic Programming*, 12 (part 1):139–142, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590014X>.

Schwarze:1985:UMM

- [Sch85c] Gunter Schwarze. Use of models and model experiments solving problems in informatics. *Annual Review in Automatic Programming*, 12 (part 1):125–132, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900126>.

Scherr:1992:IRS

- [Sch92] W. Scherr. Introducing reuse of software designs into a company. *Annual Review in Automatic Programming*, 167 (part 2): 45–53, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290008D>.

Schmid:1994:SUD

- [Sch94a] U. Schmid. Synchronized UTC for distributed real-time systems. *Annual Review in Automatic Programming*, 18:101–107, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900183>.

Schrott:1994:DTO

- [Sch94b] G. Schrott. A distributed task-oriented real-time programming system. *Annual Review in Automatic Programming*, 18:163–166, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900280>.

Sédillot:1990:PCH

- [Séd90] S. Sédillot. Process control: How to process distributed data in less than a second? *Annual Review in Automatic Programming*, 15 (part 1):17–22, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090021I>.

Stroeve:1992:ANN

- [SFVvL92] S. H. Stroeve, H. M. Franken, P. H. Veltink, and W. T. C. van Luenen. Adaptive neural network control of fes-induced cyclical lower leg movements. *Annual Review in Automatic Programming*, 17:25–30, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910060>.

Schy:1985:MIC

- [SG85] A. A. Schy and D. P. Giesy. Multiobjective insensitive computer-aided design of aerospace control systems. *Annual Review in Automatic Programming*, 13 (part 2):177–188, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904793>.

Sproesser:1992:MFD

- [SG92] T. Sproesser and G. L. Gissinger. A method for fault detection using parameter and state estimation. *Annual Review in Automatic Programming*, 17:241–246, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910400>.

Song:1989:RBD

- [SGZ89] Z. Song, J. C. Gao, and C. H. Zhou. The rule-based distillation decision and control system. *Annual Review in Automatic Programming*, 15 (part 2):101–106, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900190>.

Shaw:1963:JPL

- [Sha63] C. J. Shaw. Jovial — a programming language for real-time command systems. *Annual Review in Automatic Programming*, 3:53–119, January 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800051>.

Shi:1989:ESS

- [Shi89] Zhongke Shi. Expert system for sensor failure detection of aircraft. *Annual Review in Automatic Programming*, 15 (part 2): 91–96, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900177>.

Sima:1985:CML

- [Sim85] V. Sima. Convergence of multirecursive least squares adaptive algorithms. *Annual Review in Automatic Programming*, 12 (part 1):414–417, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900746>.

Sassen:1992:DRT

- [SJ92] J. M. A. Sassen and R. B. M. Jaspers. Designing real-time knowledge based systems with perfect. *Annual Review in Automatic Programming*, 17:491–496, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910795>.

Sjoberg:1992:RSP

- [Sjö92] J. Sjöberg. Regularization as a substitute for pre-processing of data in neural network training. *Annual Review in Automatic Programming*, 17:31–35, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910072>.

Schram:1994:OAC

- [SKKG94] G. Schram, L. Karsten, B. J. A. Kröse, and F. C. A. Groen. Optimal attitude control of satellites by artificial neural networks: a pilot study. *Annual Review in Automatic Programming*, 19:173–178, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900612>.

Svireshev:1985:MEF

- [SKL85] Yu. M. Svireshev, V. F. Krapivin, and D. O. Logofet. Mathematical ecology: Forecast, assessment and optimization of impacts on natural ecosystems. *Annual Review in Automatic Programming*, 12 (part 1):114–124, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900114>.

Shen:1992:PC

- [SL92a] Q. Shen and R. R. Leitch. Process control. *Annual Review in Automatic Programming*, 17:365–370, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910606>.

Sonnleitner:1992:PRB

- [SL92b] B. Sonnleitner and G. Locher. Pattern recognition for bioprocess control. *Annual Review in Automatic Programming*, 17: 431–433, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910709>. ■

Smuts:1989:UDA

- [SM89] W. B. Smuts and I. M. MacLeod. Using discrete AI techniques for designing a real-world control supervisor. *Annual Review in Automatic Programming*, 15 (part 2):31–35, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900062>.

Schweinzer:1994:CSF

- [SM94] Herbert Schweinzer and Christoph Mittermayer. Combined sequential and function-oriented programming for real-time systems. *Annual Review in Automatic Programming*, 18:181–185, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900310>. ■

Smedema:1977:P

- [Sme77] C. H. Smedema. Preface. *Annual Review in Automatic Programming*, 8:ix, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900015>. ■

Smith:1970:JID

- [Smi70] Joseph W. Smith. JOSS — II: Design philosophy. *Annual Review in Automatic Programming*, 6 (part 4):183–256, 1970. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413870900017>.

Sundin:1994:DUI

- [SNG94] Ulf Sundin, Peter Nordin, and Shahab Ghavami. Designing user interfaces for applications based on the hint architecture. *Annual Review in Automatic Programming*, 19:365–370, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900922>.

Sassen:1992:PIR

- [SOJ92] J. M. A. Sassen, A. Ollongren, and R. B. M. Jaspers. Predicting and improving response-times of perfect-models. *Annual Review in Automatic Programming*, 17:515–520, 1992. CODEN ????

ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/S0066413809910837>.

Son:1990:PBS

- [Son90] Sang H. Son. On priority-based synchronization protocols for distributed real-time database systems. *Annual Review in Automatic Programming*, 15 (part 1):29–33, 1990. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/006641389090023K>.

Sowa:1981:RTM

- [Sow81] M. Sowa. Real time multi-microprocessor system introduced concept of data-driven. *Annual Review in Automatic Programming*, 11:115–120, 1981. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413881900173>.

Sala:1994:ARC

- [SP94] A. Sala and J. Picó. Analysis of rulebase coherence in fuzzy control systems. *Annual Review in Automatic Programming*, 19:79–84, 1994. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413894900469>.

Spenke:1985:DPL

- [Spe85] Volker Spenke. On the development of the programming language CSS-PASCAL for continuous system simulation. *Annual Review in Automatic Programming*, 12 (part 1):483–486, 1985. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413885900928>.

Spiegel:1985:IPE

- [Spi85] Bernhard Spiegel. An interactive procedure for experimental multi-criterion optimization. *Annual Review in Automatic Programming*, 12 (part 1):239–245, 1985. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413885900345>.

Schmidt:1985:MBO

- [SR85] M. Schmidt and K. Reinisch. Model building and optimization of the plant growth process of the greenhouse cucumber. *Annual Review in Automatic Programming*, 12 (part 1):394–397, 1985. CODEN ????. ISSN ????. URL <https://www.sciencedirect.com/science/article/pii/0066413885900709>.

Sanchez:1994:DDA

- [SRRP⁺94] M. Sànchez, I. R-Roda, M. Poch, U. Cortés, and J. Lafuente. DAI-DEPUR architecture: Distributed agents for real-time wwtsp supervision and control. *Annual Review in Automatic Programming*, 19:147–152, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900574>.

Shapiro:1970:NAO

- [SS70] R. M. Shapiro and H. Saint. A new approach to optimization of sequencing decisions. *Annual Review in Automatic Programming*, 6 (part 5):257–288, 1970. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413870900030>.

Szmuc:1994:HCV

- [SSSS94] T. Szmuc, P. Szwed, J-J Schwarz, and J. Skubich. Hierarchical correctness verification in multiphase real-time software design. *Annual Review in Automatic Programming*, 18:87–94, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900167>.

Stanciulescu:1985:PMS

- [Stä85a] F. Stănciulescu. Principles of modelling and simulation, large scale and complex systems. application in ecology. *Annual Review in Automatic Programming*, 12 (part 1):133–138, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900138>.

Stantchev:1985:SAD

- [Sta85b] I. Stantchev. System analysis and decision making with interdependent goals—a linguistic approach. *Annual Review in Automatic Programming*, 12 (part 1):194–197, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900266>.

Starke:1985:PNM

- [Sta85c] Peter H. Starke. Petri-Netz-Maschine: a software tool for analysis and validation of Petri nets. *Annual Review in Automatic Programming*, 12 (part 1):474–475, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900898>.

Steel:1961:UMF

- [Ste61] Thomas B. Steel. UNCOL: The myth and the fact. *Annual Review in Automatic Programming*, 2:325–344, 1961. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413861800141>.

Stegbauer:1990:ICI

- [Ste90] W. Stegbauer. Intertask-communication inside a real-time database. *Annual Review in Automatic Programming*, 15 (part 1):63–69, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090029Q>.

Stockman:1988:RSP

- [Sto88] S. G. Stockman. The recovery of software projects. *Annual Review in Automatic Programming*, 14 (part 2):53–58, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413890900100>.

Styer:1992:PIA

- [SV92] D. L. Styer and V. Vemuri. Preprocessing inputs for adaptive critic control. *Annual Review in Automatic Programming*, 16 (part 1):27–31, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190006W>.

Straubel:1985:IOB

- [SWR85] R. Straubel, A. Wittmüß, and R. Rosenmüller. An interactive optimization-based software system for multi-criteria (non concave) control problems. *Annual Review in Automatic Programming*, 12 (part 1):190–193, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900254>.

Solntseff:1974:SEP

- [SY74] N. Solntseff and A. Yezerski. A survey of extensible programming languages. *Annual Review in Automatic Programming*, 7 (part 5):267–307, 1974. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413874900019>.

Sydow:1985:OOD

- [Syd85a] Achim Sydow. Objective-oriented decomposition of complex decision problems. *Annual Review in Automatic Programming*.

ming, 12 (part 1):295–298, 1985. CODEN ???? ISSN
???? URL [https://www.sciencedirect.com/science/
article/pii/0066413885900473](https://www.sciencedirect.com/science/article/pii/0066413885900473).

Sydow:1985:P

- [Syd85b] Achim Sydow. Preface. *Annual Review in Automatic Programming*, 12 (part 1):5–7, 1985. CODEN ???? ISSN
???? URL [https://www.sciencedirect.com/science/
article/pii/0066413885900011](https://www.sciencedirect.com/science/article/pii/0066413885900011).

Szlanko:1977:PNP

- [Szl77] János Szlankó. Petri nets for proving some correctness properties of parallel programs. *Annual Review in Automatic Programming*, 8:75–83, 1977. CODEN ???? ISSN
???? URL [https://www.sciencedirect.com/science/
article/pii/0066413877900118](https://www.sciencedirect.com/science/article/pii/0066413877900118).

Szmuc:1988:CVR

- [Szm88] T. Szmuc. Correctness verification of real-time programs. *Annual Review in Automatic Programming*, 14 (part 1):1–6, 1988. CODEN ???? ISSN
???? URL [https://www.sciencedirect.
com/science/article/pii/0066413888900018](https://www.sciencedirect.com/science/article/pii/0066413888900018).

Tamura:1985:MDM

- [Tam85] Hiroyuki Tamura. Multiobjective decision making — utility theoretic approach —. *Annual Review in Automatic Programming*, 12 (part 1):51–61, 1985. CODEN ???? ISSN
???? URL [https://www.sciencedirect.com/science/
article/pii/0066413885900059](https://www.sciencedirect.com/science/article/pii/0066413885900059).

Toro:1992:QMS

- [TAR92] M. Toro, J. J. Arrabal, and L. Romero. Qualitative modelling and simulation by piecewise linear analysis. *Annual Review in Automatic Programming*, 17:147–152, 1992. CODEN ???? ISSN
???? URL [https://www.sciencedirect.com/science/
article/pii/S0066413809910254](https://www.sciencedirect.com/science/article/pii/S0066413809910254).

Taoka:1981:MSP

- [TAT81] H. Taoka, S. Abe, and S. Takeda. Multiprocessor system for power system analysis. *Annual Review in Automatic Programming*, 11:101–106, 1981. CODEN ???? ISSN
???? URL [https://www.sciencedirect.com/science/
article/pii/006641388190015X](https://www.sciencedirect.com/science/article/pii/006641388190015X).

Taylor:1960:FMM

- [Tay60] Alan Taylor. The FLOW-MATIC and MATH-MATIC automatic programming systems. *Annual Review in Automatic Programming*, 1:196–206, 1960. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413860900422>.

Taylor:1980:MEF

- [Tay80] B. Taylor. A method for expressing the functional requirements of real-time systems. *Annual Review in Automatic Programming*, 10:111–120, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900155>.

Thiele:1994:TCP

- [TBR+94] G. Thiele, H. J. Beestermöller, L. Renner, M. Dorno, and D. Popovic. Task-configuration of a pearl-based programmable controller for process-automation. *Annual Review in Automatic Programming*, 18:115–120, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900205>.

Tempelmeier:1988:CSD

- [Tem88] T. Tempelmeier. The creative step in designing real-time software. *Annual Review in Automatic Programming*, 14 (part 1): 15–20, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413888900031>.

Tempelmeier:1994:NHS

- [Tem94] T. Tempelmeier. A note on hardware-software codesign. *Annual Review in Automatic Programming*, 18:121–126, 1994. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413894900213>.

Tsuruta:1981:DTR

- [TFMM81] S. Tsuruta, K. Fukuoka, S. Miyamoto, and S. Mitsumori. A debugging tool for real time software: The non repeated runs approach. *Annual Review in Automatic Programming*, 11:49–56, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900082>.

Thomesse:1977:NSS

- [Tho77] J. P. Thomesse. A new set of software tools for designing and realizing distributed systems in process control. *Annual Review in Automatic Programming*, 8:47–53, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900088>.

Tien:1985:SAA

- [Tie85] Hoang Tien. Some application aspects of system modelling and simulation for large scale system control. *Annual Review in Automatic Programming*, 12 (part 1):299–302, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900485>.

Troch:1985:MRS

- [TKD85] I. Troch, P. Kopacek, and K. Desoyer. Models for robots — a simulation approach. *Annual Review in Automatic Programming*, 12 (part 1):307–310, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900503>.

Tits:1985:ISR

- [TM85] A. L. Tits and Z. Ma. Interaction, specification refinement, and tradeoff exploration in optimization-based design of engineering systems. *Annual Review in Automatic Programming*, 13 (part 2):189–194, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388590480X>.

Toshkov:1985:DCL

- [Tos85] A. Toshkov. Distributed control linear systems design with pole assignment. *Annual Review in Automatic Programming*, 12 (part 1):429–432, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900783>.

Tapolcai:1990:CRT

- [TS90] L. Tapolcai and Z. Sopronfalvi. CRDB — a real time data base for distributed system with high reliability. *Annual Review in Automatic Programming*, 15 (part 1):71–73, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090030U>.

Tol:1994:SSE

- [TW94] Ronald M. Tol and Gert Te Winkel. Some scheduling experiments with ARTIE. *Annual Review in Automatic Programming*, 18:51–54, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900108>.

Tong:1989:ESS

- [TZ89] Wei-Guang Tong and Lin-Liang Zhao. An expert system shell for analysis of real time signals. *Annual Review in Automatic Programming*, 15 (part 2):65–67, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900128>.

Tzafestas:1985:APC

- [Tza85] Spyros G. Tzafestas. Analysis and parameter computation of a delay coupled core nuclear reactor using Walsh series expansions. *Annual Review in Automatic Programming*, 12 (part 1):105–113, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900102>.

Urbancic:1992:QR

- [UJFB92] T. Urbančić, D. Juričić, B. Filipič, and I. Bratko. Qualitative reasoning. *Annual Review in Automatic Programming*, 17:341–346, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910564>.

Ulery:1985:SRS

- [Ule85] D. L. Ulery. Software requirements for statistical quality control. *Annual Review in Automatic Programming*, 13 (part 1):39–42, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904410>.

Unbehauen:1985:SIM

- [Unb85] H. Unbehauen. System identification methods using parameter estimation/a survey. *Annual Review in Automatic Programming*, 12 (part 1):69–81, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900072>.

Umeno:1981:LSC

- [UOH⁺81] H. Umeno, K. Ohmachi, A. Hino, J. Imura, and S. Obuki. Online system changeover using a virtual machine system. *Annual*

Review in Automatic Programming, 11:29–34, 1981. CODEN ????
ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900057>.

Ushiroda:1981:FDS

- [Ush81] T. Ushiroda. File design of small real-time computer system. *Annual Review in Automatic Programming*, 11:85–92, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900136>.

Ulm:1985:GTM

- [UW85] M. Ulm and H.-D Wend. A graph theoretic method for the characterization of decentrally stabilizable control systems. *Annual Review in Automatic Programming*, 12 (part 1):272–275, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900412>.

Verbruggen:1989:AIF

- [VÅ89] H. B. Verbruggen and K. J. Åström. Artificial intelligence and feedback control. *Annual Review in Automatic Programming*, 15 (part 2):1–11, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900025>.

Valyi:1985:ASV

- [Vál85] István Vályi. Approximate solutions of vector optimization problems. *Annual Review in Automatic Programming*, 12 (part 1):246–250, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900357>.

Vijayananda:1994:AMS

- [VBRD94] K. Vijayananda, G. Berthet, P. Raja, and J. D. Decotignie. An architecture of a map stack for real time applications. *Annual Review in Automatic Programming*, 18:1–7, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900027>.

Vina:1992:B

- [VD92] A. Viña and J. M. Domínguez. Biotechnology. *Annual Review in Automatic Programming*, 17:423–430, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910692>.

vanderLaan:1994:DAR

- [vdL94] Marten D. van der Laan. Data acquisition for real-time process control systems. *Annual Review in Automatic Programming*, 18: 109–114, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900191>.

Vazquez:1994:LGM

- [VG94] F. Vázquez and E. Garcia. A local guidance method for low-cost mobile robots using fuzzy logic. *Annual Review in Automatic Programming*, 19:203–207, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900663>.

Vega:1994:DAI

- [VGQ94] Juan J. Galán Vega and Agustín González-Quel. The development of an artificial intelligence real-time toolkit: REAKT. *Annual Review in Automatic Programming*, 19:333–339, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900876>.

Vina:1992:KBR

- [VHR92] A. Vina and B. Hayes-Roth. Knowledge-based real time control: The use of abstraction to satisfy deadlines. *Annual Review in Automatic Programming*, 16 (part 1):33–40, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389190007X>.

Vasilyev:1985:AMS

- [VK85] V. V. Vasilyev and V. V. Kuzmuk. Application of multiprocessor systems for complex asynchronous process simulation. *Annual Review in Automatic Programming*, 12 (part 1):455–459, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900850>.

Vingerhoeds:1994:NPR

- [VK94] R. A. Vingerhoeds and A. J. Krijgsman. The NECTAR-project research into the application of neural networks for flight control. *Annual Review in Automatic Programming*, 19:167–172, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900604>.

Vale:1992:FDE

- [VM92] Z. A. Vale and A. Machado e Moura. Fault detection and emergency control in power systems. *Annual Review in Automatic Programming*, 17:409–414, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910679>.

Voigt:1985:SFV

- [Voi85] Hans-Michael Voigt. Structure formation, vector optimization and evolution. *Annual Review in Automatic Programming*, 12 (part 1):251–254, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900369>.

Vojnovic:1977:KRT

- [Voj77] D. Vojnovic. Kernel real-time system. *Annual Review in Automatic Programming*, 8:139–143, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900192>.

Vorobiev:1985:AMS

- [Vor85] O. Yu Vorobiev. Average measure simulation and cell analysis. *Annual Review in Automatic Programming*, 12 (part 1): 369–372, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900643>.

Vazquez:1994:RTV

- [VPM94] F. Vázquez, E. Paz, and R. Marín. Real-time vision-based navigation and 3D depth estimation for an indoor autonomous mobile robot. *Annual Review in Automatic Programming*, 19:221–226, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900698>.

Verbruggen:1992:PP

- [VR92] H. B. Verbruggen and M. G. Rodd. Plenary papers. *Annual Review in Automatic Programming*, 17:vii–viii, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910023>.

Velilla:1988:SMS

- [VS88] S. Velilla and M. Silva. The spy: a mechanism for safe implementation of highly concurrent systems. *Annual Review in Au-*

tomatic Programming, 14 (part 1):75–81, 1988. CODEN ????
ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/0066413888900122](https://www.sciencedirect.com/science/article/pii/0066413888900122).

vanSchrick:1992:MRA

- [vS92] D. van Schrick. Markovian reliability analysis of state-estimator-based instrument fault detection schemes. *Annual Review in Automatic Programming*, 17:253–258, 1992. CODEN ???? ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/S0066413809910424](https://www.sciencedirect.com/science/article/pii/S0066413809910424).

vanWijngaarden:1963:GA

- [vW63] A. van Wijngaarden. Generalized ALGOL. *Annual Review in Automatic Programming*, 3:17–26, 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800026>.

Walter:1980:SLC

- [Wal80] C. Walter. A structuring language for computer controlled multilevel systems. *Annual Review in Automatic Programming*, 10:81–89, 1980. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413882900118>.

Weinreb:1985:MTC

- [WB85] A. Weinreb and A. E. Bryson. Minimum-time control of a two-link robot arm. *Annual Review in Automatic Programming*, 13 (part 2):195–199, 1985. CODEN ???? ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/0066413885904811](https://www.sciencedirect.com/science/article/pii/0066413885904811).

Woods:1992:SEH

- [WB92] E. A. Woods and J. G. Balchen. Structural estimation with the hybrid phenomena theory. *Annual Review in Automatic Programming*, 16 (part 1):127–132, 1992. CODEN ???? ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/0066413891900213](https://www.sciencedirect.com/science/article/pii/0066413891900213).

Wang:1992:FC

- [WDM92] G. Wang, O. Dubant, and J. Magnier. Fuzzy control. *Annual Review in Automatic Programming*, 17:171–176, 1992. CODEN ???? ISSN ???? URL [https://www.sciencedirect.com/science/
article/pii/S0066413809910291](https://www.sciencedirect.com/science/article/pii/S0066413809910291).

Weisman:1985:LSP

- [Wei85] R. A. Weisman. On-line statistical process control for a glass tank ingredient scale. *Annual Review in Automatic Programming*, 13 (part 1):29–38, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904409>.

Weis:1988:EMF

- [Wei88] E. Weis. Experience with modern, flexible methods in software project management. *Annual Review in Automatic Programming*, 14 (part 2):45–52, 1988. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090009G>.

Weller:1985:CAD

- [Wel85] W. Weller. Computer aided decision aids for manufacturing processes with flexible applications. *Annual Review in Automatic Programming*, 12 (part 1):198–201, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900278>.

Wild:1992:FFL

- [WFR92] D. Wild, J. Foldenauer, and U. Rembold. Flanex — a flow line analyzing expert system. *Annual Review in Automatic Programming*, 16 (part 1):145–148, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900246>.

Willey:1977:IHL

- [WHS77] M. S. Willey, J. F. Hoffmaster, and James D. Schoeffler. The integration of high level interpretive software with microprocessor based distributed control systems. *Annual Review in Automatic Programming*, 8:99–105, 1977. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413877900143>.

Watanabe:1981:RTP

- [WI81] T. Watanabe and S. Iwai. Real time programming of computer numerical control of a machine tool in CAM. *Annual Review in Automatic Programming*, 11:93–100, 1981. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413881900148>.

Wilkes:1964:ESC

- [Wil64] M. V. Wilkes. An experiment with a self-compiling compiler for a simple list-processing language. *Annual Review in Automatic Programming*, 4:1–48, January 1964. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/0066413864900138>.

Wittmuss:1985:SMO

- [Wit85] A. Wittmüss. Scalarizing multiobjective optimization problems and an interactive approach for multiobjective decision making. *Annual Review in Automatic Programming*, 12 (part 1): 255–258, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900370>.

Witt:1992:DOO

- [Wit92] Jan Witt. On drinking one's own medicine — reusing software to build tools for software reuse. *Annual Review in Automatic Programming*, 167 (part 2):71–77, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389290011D>.

Wolczowski:1985:FMM

- [Wol85] Andrzej Wolczowski. Formal model of movable object control with application of parametric automaton. *Annual Review in Automatic Programming*, 12 (part 1):398–403, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900710>.

Woodger:1963:DCP

- [Woo63] M. Woodger. The description of computing processes: Some observations on automatic programming and ALGOL 60. *Annual Review in Automatic Programming*, 3:1–15, January 1963. CODEN ARVAAM. ISSN 0066-4138 (print), 1878-545X (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0066413863800014>.

Woods:1992:RCD

- [Woo92] E. A. Woods. On representations for continuous dynamic systems. *Annual Review in Automatic Programming*, 17:347–352, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910576>.

Woschni:1985:SPM

- [Wos85] E.-G. Woschni. Some problems of modelling of digital measuring systems. *Annual Review in Automatic Programming*, 12 (part 1):373–376, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900655>.

Wakamiya:1992:SRF

- [WTI92] Y. Wakamiya, M. Tsuruda, and M. Isobe. Slab reheating furnace temperature control using AI. *Annual Review in Automatic Programming*, 16 (part 1):153–157, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900268>.

Xinping:1985:OCX

- [XL85] Yang Xinping and Fu Longzhou. Optimal control of xenon oscillations in load follow of a large nuclear reactor. *Annual Review in Automatic Programming*, 13 (part 2):201–207, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885904823>.

Yashkov:1985:DNJ

- [Yas85] S. F. Yashkov. Distribution of number of jobs in a feedback processor-sharing queue. *Annual Review in Automatic Programming*, 12 (part 1):464–468, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900874>.

Yu-Ji:1989:CMK

- [YJ89] Huang Yu-Ji. A clustering method of knowledge acquisition in a real-time control system. *Annual Review in Automatic Programming*, 15 (part 2):49–51, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900098>.

Yokoyama:1992:SOC

- [YKI92] Y. Yokoyama, T. Kohda, and K. Inoue. Synthesis of optimal control using neural network with mixed structure. *Annual Review in Automatic Programming*, 17:311–316, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910515>.

Yu-Lan:1989:ESL

- [YLZ89] Zhou Yu-Lan and Qiu Zhengyue. An expert self-learning fuzzy controller. *Annual Review in Automatic Programming*, 15 (part 2):69–73, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641388990013X>.

Ypsilantis:1992:MLU

- [YY92] J. Ypsilantis and H. Yee. Machine learning using version spaces for a power distribution network fault diagnostician. *Annual Review in Automatic Programming*, 17:115–120, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/S0066413809910205>.

Zhukovin:1985:MDM

- [ZBZ85] V. E. Zhukovin, F. V. Burshtein, and E. V. Zhukovin. Multicriterial decision making model with the empty Pareto set. *Annual Review in Automatic Programming*, 12 (part 1):182–184, 1985. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413885900230>.

Zhang:1989:AIC

- [ZEZ89] Huiping Zhang, Yutian En, and Jinliang Zhang. Application of intelligent control of time-delay processes to the mix moisture control system in sinterplants. *Annual Review in Automatic Programming*, 15 (part 2):107–109, 1989. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413889900207>.

Zhao:1992:PSN

- [Zha92] Feng Zhao. Phase space navigator: Towards automating control synthesis in phase spaces for nonlinear control systems. *Annual Review in Automatic Programming*, 16 (part 1):97–102, 1992. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413891900165>.

Zhang:1994:FDC

- [ZMM94] J. Zhang, A. J. Morris, and G. A. Montague. Fault diagnosis of a CSTR using fuzzy neural networks. *Annual Review in Automatic Programming*, 19:153–158, 1994. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/0066413894900582>.

Zhang:1990:ILO

- [ZZY90] Xia Zhang, Huaiyuan Zheng, and Ge Yu. Integrating logic and object paradigm in HDDBMS. *Annual Review in Automatic Programming*, 15 (part 1):57-61, 1990. CODEN ???? ISSN ???? URL <https://www.sciencedirect.com/science/article/pii/006641389090028P>.