A Complete Bibliography of Publications in *Structured Programming* and *Software — Concepts and Tools*

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/`

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References

Abacus:1989:PCC

[Aba89] Alex Abacus. Parameterizing C code at compile and run time. *Structured Programming*, 10(4):209–214, 1989. CODEN STPGEM. ISSN 0935-1183.

Alur:1996:AMS

[AHP96] Rajeev Alur, Gerard J. Holzmann, and Doron A. Peled. An analyzer for message sequence charts. *Software — Concepts and Tools*, 17(2):70–77, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Breu:1995:MI

[BB95] Ruth Breu and Michael Breu. A methodology of inheritance. *Software — Concepts and Tools*, 16(3):113–123, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Brown:1990:IEL

[BC90a] Marcus E. Brown and Bart Childs. An interactive environment for literate programming. *Structured Programming*, 11(1): 11–26, 1990. CODEN STPGEM. ISSN 0935-1183.

Brown:1990:LPA

[BC90b] Marcus E. Brown and David Cordes. Literate programming applied to conventional software design. *Structured Programming*, 11(2):85–98, 1990. CODEN STPGEM. ISSN 0935-1183.

Broy:1998:WCS

[BDS98] Manfred Broy, Anton Deimel, and Clemens Szyperski. What characterizes a (software) component? *Software — Concepts and Tools*, 19(1):49–56, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050007`.

Bishop:1992:LPL

[BG92] Judy M. Bishop and Kevin M. Gregson. Literate programming and the LIPED environment. *Structured Programming*, 13(1): 23–34, 1992. CODEN STPGEM. ISSN 0935-1183.

Bischofberger:1989:ESL

[BK89] Walter R. Bischofberger and Rudolf K. Keller. Enhancing the software life cycle by prototyping. *Structured Programming*, 10(1):47–59, 1989. CODEN STPGEM. ISSN 0935-1183.

Brown:1994:CVC

[BK94] Timothy B. Brown and Takayuki Dan Kimura. Completeness of a visual computation model. *Software — Concepts and Tools*, 15(1):34–48, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Bischofberger:1994:OOP

[BKS94] Walter R. Bischofberger, Thomas Kofler, and Bruno Schäffer. Object-oriented programming environments: Requirements and approaches. *Software — Concepts and Tools*, 15(2):49–60, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Blaschek:1989:IOM

[Bla89] Günther Blaschek. Implementation of objects in Modula-2. *Structured Programming*, 10 (3):147–155, 1989. CODEN STPGEM. ISSN 0935-1183.

Blaschek:1991:TSO

[Bla91] Günther Blaschek. Type-safe object-oriented programming with prototypes — the concepts of Omega. *Structured Programming*, 12(4):217–226, 1991. CODEN STPGEM. ISSN 0935-1183.

Boudriga:1992:SBS

[BMM92] Noureddine Boudriga, Ali Mili, and Roland Mittermeir. Semantic-based software retrieval to support rapid prototyping. *Structured Programming*, 13(3):109–127, 1992. CODEN STPGEM. ISSN 0935-1183.

Boles:1993:POO

[Bol93] Dietrich Boles. Parallel object-oriented programming with QPC++. *Structured Programming*, 14(4):158–172, 1993. CODEN STPGEM. ISSN 0935-1183.

Boszormenyi:1993:CMO

[Bös93] László Böszörményi. A comparison of modula-3 and oberon-2. *Structured Programming*, 14(1): 15–22, 1993. CODEN STPGEM. ISSN 0935-1183.

Boszormenyi:1998:WJM

[Bös98] László Böszörményi. Why Java is not my favorite first-course language. *Software — Concepts and Tools*, 19(3):141–145, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050017`.

Blaschek:1989:COO

[BPS89] Günther Blaschek, Gustav Pomberger, and Alois Stritzinger. A comparison of object-oriented programming languages. *Structured Programming*, 10(4):187–197, 1989. CODEN STPGEM. ISSN 0935-1183.

Braunl:1989:SSP

[Brä89] Thomas Bräunl. Structured SIMD programming in parallaxis. *Structured Programming*, 10(3):121–132, 1989. CODEN STPGEM. ISSN 0935-1183.

Bredereke:1996:DFI

[Bre96] Jan Bredereke. Detection of feature interactions in intelligent networks by verification. *Software — Concepts and Tools*, 17(3):121–139, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

BrinchHansen:1990:LSR

[Bri90] Per Brinch Hansen. The linear search rediscovered. *Structured Programming*, 11(1):53–55, 1990. CODEN STPGEM. ISSN 0935-1183. URL `http://brinch-hansen.net/papers/1990a.pdf`. See [DF89].

Bron:1990:SGA

[Bro90] Coenraad Bron. Symmetric (and generic) algorithms for height balanced trees. *Structured Programming*, 11(2):59–68, 1990. CODEN STPGEM. ISSN 0935-1183.

Bron:1992:LAA

[Bro92] Coenraad Bron. Letter to the authors of the article 'on intermediate variables'. *Structured Programming*, 13(1):51–53, 1992. CODEN STPGEM. ISSN 0935-1183.

Broy:1997:TMC

[Bro97] Manfred Broy. Towards a mathematical concept of a component and its use. *Software — Concepts and Tools*, 18(3):137–??, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Broy:1998:UMC

[Bro98] Manfred Broy. A uniform mathematical concept of a component. *Software — Concepts and Tools*, 19(1):57–59, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050008`.

Back:1991:SRA

[BS91] Ralph-Johan Back and Kaisa Sere. Stepwise refinement of action systems. *Structured Programming*, 12(1):17–30, 1991. CODEN STPGEM. ISSN 0935-1183.

Back:1996:ASM

[BS96] Ralph-Johan Back and Kaisa Sere. From action systems to modular systems. *Software — Concepts and Tools*, 17(1):26–39, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Borger:2000:IPJ

[BS00] Egon Börger and Wolfram Schulte. Initialization problems for Java. *Software — Concepts and Tools*, 19(4):175–178, October 2000. CODEN SCOTE5.

ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003789900003`.

Backhouse:1997:MPS

[BVW97] Roland Carl Backhouse, Richard Verhoeven, and Olaf Weber. Math/pad: a system for on-line preparation of mathematical documents. *Software — Concepts and Tools*, 18(2):80–??, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Cregut:1997:POO

[CC97] Xavier Crégut and Bernard Coulette. PBOOL: an object-oriented language for definition and reuse of enactable processes. *Software — Concepts and Tools*, 18(2):47–62, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Celko:1989:OAS

[Cel89] Joe Celko. Observations about student programming practices. *Structured Programming*, 10 (4):215–??, 1989. CODEN STPGEM. ISSN 0935-1183.

Cramer:1991:TFB

[CFGGR91] Joachim Cramer, Werner Fey, Michael Goedicke, and Martin Große-Rhode. Towards a formally based component description language — a foundation for reuse. *Structured Programming*, 12(2):91–110, 1991. CODEN STPGEM. ISSN 0935-1183.

Champlain:1991:SOB

[Cha91] Michel De Champlain. Synapse: an object-based real-time programming language. *Structured Programming*, 12(3):145–156, 1991. CODEN STPGEM. ISSN 0935-1183.

Christiansen:1989:SSI

[Chr89] Henning Christiansen. Structure sharing in incremental systems. *Structured Programming*, 10(4):169–186, 1989. CODEN STPGEM. ISSN 0935-1183.

Christensen:1993:SPL

[Chr93] H. Christensen. Synthesis of programs from logic specifications using programming methodology. *Structured Programming*, 14(4):173–186, 1993. CODEN STPGEM. ISSN 0935-1183.

Cowan:1993:ADV

[CIdLS93] Donald D. Cowan, Roberto Ierusalimschy, Carlos José Pereira de Lucena, and Terry M. Stepien. Abstract data views. *Structured Programming*, 14(1):1–14, 1993. CODEN STPGEM. ISSN 0935-1183.

Chen:1997:EDC

[CL97] Tsong Yueh Chen and Chi Keen Low. Error detection in C++ through dynamic data flow analysis. *Software — Concepts and Tools*, 18(1):1–13, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Ciampolini:1996:OID

[CLM96] Anna Ciampolini, Evelina Lamma, and Paola Mello. An optimized implementation of a dynamic modular logic language. *Software — Concepts and Tools*, 17(4):148–162, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Corradi:1997:OOA

[CLZ97] Antonio Corradi, Letizia Leonardi, and Franco Zambonelli. An object-oriented approach to structured parallel programming. *Software — Concepts and Tools*, 18(3):110–124, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Celi:1992:GMV

[CM92] Maria Luisa Celi and Vitaliano Milanese. Graphics modeling and visualization: an amalgamating approach using OBERON. *Structured Programming*, 13(4):179–192, 1992. CODEN STPGEM. ISSN 0935-1183.

Cook:1995:SAA

[CM95] Robert P. Cook and Richard G. McDaniel. The StarLite algorithm animator. *Software — Concepts and Tools*, 16(1):1–11, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Cleaveland:1996:MVD

[CNSL96] Rance Cleaveland, V. Natarajan, Steve Sims, and Gerald Lüttgen. Modeling and verifying distributed systems using priorities: a case study. *Software — Concepts and Tools*, 17(2): 50–62, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Cook:1996:TEA

[Coo96] Robert P. Cook. The type extensible architecture of a simple database system. *Software — Concepts and Tools*, 17(4):141–147, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Cook:1998:ALC

[Coo98] Robert P. Cook. Anon-line C++ class: implementation and experience. *Software — Concepts and Tools*, 19(2):61–69, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL https://link.springer.com/article/10.1007/s003780050009.

Cook:1996:IOT

[CP96] Robert P. Cook and Krishnan Pillaipakkamnatt. An introduction to opaque types. *Software — Concepts and Tools*, 17(1): 1–5, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Cao:1997:SES

[CP97] Jiannong Cao and Mathew Pole. A software environment for simulating distributed task-scheduling algorithms. *Software — Concepts and Tools*, 18(3):125–136, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Cotronis:1994:LSC

[CRE94] John Yiannis Cotronis, Apostolos Nikolaos Refenes, and Eugene Eberbach. Language support for concurrent symbolic and numeric systems. *Software — Concepts and Tools*, 15(3):105–124, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Crelier:1995:EMI

[Cre95] Régis Crelier. Extending module interfaces without invalidating clients. *Software — Concepts and Tools*, 16(2):49–62, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Childs:1997:ALP

[CS97] Bart Childs and Johannes Sametinger. Analysis of literate programs from the viewpoint of reuse. *Software — Concepts and Tools*, 18(1):35–??, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Capel:1994:OBT

[CT94] Manuel I. Capel and José M. Troya. An object-based tool and methodological approach for distributed programming. *Software — Concepts and Tools*, 15(4):177–??, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Deinhammer:1997:NAC

[Dei97] Guido Deinhammer. A new adaptive coding scheme and its application to LZ-based data compression. *Software — Concepts and Tools*, 18(4):157–168, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Deimel:1998:SBF

[Dei98] Anton Deimel. The SAPR/3 business framework. *Software — Concepts and Tools*, 19(1):29–36, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050005`.

Dijkstra:1989:LSR

[DF89] Edsger W. Dijkstra and W. H. J. Feijen. The linear search revisited. *Structured Programming*, 10(1):5–9, 1989. CODEN STPGEM. ISSN 0935-1183.

Doberkat:1992:IPS

[Dob92a] Ernst-Erich Doberkat. Integrating persistence into a set-oriented prototyping language. *Structured Programming*, 13(3):137–153, 1992. CODEN STPGEM. ISSN 0935-1183.

Dobler:1992:APC

[Dob92b] Heinz Dobler. Ada on personal computers — some experiences. *Structured Programming*, 13(4):193–202, 1992. CODEN STPGEM. ISSN 0935-1183.

Doberkat:1996:LSH

[Dob96] Ernst-Erich Doberkat. A language for specifying hyperdocuments. *Software — Concepts and*

Tools, 17(4):163–172, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Dolinsky:1998:ACL

[DP98] Jens-Uwe Dolinsky and Thorsten Pawletta. Alightweight class library for extended persistent object management in C++. *Software — Concepts and Tools*, 19(2):71–79, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050010`.

Egorov:1993:YAA

[EBP93] Igor I. Egorov, Ruslan P. Bogatyrev, and Dmitry L. Petrovichev. Yet another approach to modula-2 implementation of exception handling mechanism. *Structured Programming*, 14(1):23–36, 1993. CODEN STPGEM. ISSN 0935-1183.

Ejiogu:1990:BSP

[Eji90] Lem O. Ejiogu. Beyond structured programming: an introduction to the principles of applied software metrics. *Structured Programming*, 11(1):27–44, 1990. CODEN STPGEM. ISSN 0935-1183.

Eppler:1993:STL

[Epp93] Reinhard Eppler. Standard type LIST for imperative languages. *Structured Programming*, 14(2):56–61, 1993. CODEN STPGEM. ISSN 0935-1183.

Ephraim:1993:ASC

[ETJJ93] M. J. Ephraïm, Ad H. M. Thiers, A. Janner, and T. Janssen. Applying Smalltalk-80 and C++ to crystal symmetry analysis. *Structured Programming*, 14(3):119–135, 1993. CODEN STPGEM. ISSN 0935-1183.

Franz:1993:CUS

[Fra93] Michael Franz. The case for universal symbol files. *Structured Programming*, 14(3):136–147, 1993. CODEN STPGEM. ISSN 0935-1183.

Franz:1995:PET

[Fra95] Michael Franz. Protocol extension: a technique for structuring large extensible software-systems. *Software — Concepts and Tools*, 16(2):86–94, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Franz:1997:PLL

[Fra97] Michael Franz. The programming language Lagoona — a fresh look at object-orientation. *Software — Concepts and Tools*, 18(1):14–26, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Fuchs:1992:HLE

[Fuc92] Norbert E. Fuchs. Hoare logic, executable specifications, and logic programs. *Structured Programming*, 13(3):129–135, 1992. CODEN STPGEM. ISSN 0935-1183.

Fuchs:1993:IAD

[Fuc93] Norbert E. Fuchs. An improved algorithm for deriving the decomposition tree of a flowgraph. *Structured Programming*, 14(3):93–101, 1993. CODEN STPGEM. ISSN 0935-1183.

Grechenig:1993:CIO

[GB93] Thomas Grechenig and Stefan Biffl. The challenge of introducing the object-oriented paradigm — an empirical investigation of a software-engineering course. *Structured Programming*, 14(4):187–198, 1993. CODEN STPGEM. ISSN 0935-1183.

Gomard:1991:CGP

[GJ91] Carsten K. Gomard and Neil D. Jones. Compiler generation by partial evaluation: a case study. *Structured Programming*, 12(3):123–144, 1991. CODEN STPGEM. ISSN 0935-1183.

Graham:1992:DIC

[GK92] T. C. Nicholas Graham and Gerd Kock. Domesticating imperative constructs for a functional world. *Structured Programming*, 13(2): 75–88, 1992. CODEN STPGEM. ISSN 0935-1183.

Giordano:1994:SPL

[GM94] Laura Giordano and Alberto Martelli. Structured prolog: a language for structured logic programming. *Software — Concepts and Tools*, 15(3):125–??, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Goldberg:1998:RBM

[Gol98] Adele Goldberg. A reuse business model. *Software — Concepts and Tools*, 19(1):11–13, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050003`.

Goos:1997:SKL

[Goo97] Gerhard Goos. Sather-K — the language. *Software — Concepts and Tools*, 18(3):91–109, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Gaskell:1995:SAE

[GP95a] Craig Gaskell and Roger Phillips. Software architecture of the executable graphical specification tool EGS1. *Software — Concepts and Tools*, 16(3):124–135, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Gravell:1995:FMO

[GP95b] Andrew M. Gravell and Chris H. Pratten. Formal methods and open systems. *Software — Concepts and Tools*, 16(4):183–??, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Grosch:1990:ECE

[Gro90] Josef Grosch. Efficient and comfortable error recovery in recursive descent parsers. *Structured Programming*, 11(3):129–

140, 1990. CODEN STPGEM. ISSN 0935-1183.

Grogono:1991:IDO

[Gro91a] Peter Grogono. Issues in the design of an object oriented programming language. *Structured Programming*, 12(1):1–15, 1991. CODEN STPGEM. ISSN 0935-1183.

Grosch:1991:TSD

[Gro91b] Josef Grosch. Tool support for data structures. *Structured Programming*, 12(1):31–38, 1991. CODEN STPGEM. ISSN 0935-1183.

Gupta:1990:DCR

[Gup90] Rajiv Gupta. Debugging code reorganized by a trace scheduling compiler. *Structured Programming*, 11(3):141–150, 1990. CODEN STPGEM. ISSN 0935-1183.

Gutknecht:1989:VRM

[Gut89] Jürg Gutknecht. Variations on the role of module interfaces. *Structured Programming*, 10(1): 40–46, 1989. CODEN STPGEM. ISSN 0935-1183.

Gutknecht:1993:TPL

[Gut93] Jürg Gutknecht. The tragedy of programming language development. *Structured Programming*, 14(2):49–55, 1993. CODEN STPGEM. ISSN 0935-1183.

Gutknecht:1994:OSV

[Gut94] Jürg Gutknecht. Oberon System 3: Vision of a future software technology. *Software — Concepts and Tools*, 15(1):26–33, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Gries:1990:TNL

[GV90] David Gries and Dennis M. Volpano. The transform — a new language construct. *Structured Programming*, 11(1):1–10, 1990. CODEN STPGEM. ISSN 0935-1183.

Hartel:1990:CTG

[Har90] Pieter H. Hartel. A comparison of three garbage collection algorithms. *Structured Programming*, 11(3):117–128, 1990. CODEN STPGEM. ISSN 0935-1183.

Henn:1998:ISF

[Hen98] Juergen Henn. IBM San Francisco. *Software — Concepts and Tools*, 19(1):37–48, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050006`.

Heuberger:1998:MUI

[Heu98] Philipp Heuberger. The minimal user interface of a simple refinement tool. *Software — Concepts and Tools*, 19(2):89–95, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050012`.

Hirakawa:1994:VLS

[HI94] Masahito Hirakawa and Tadao Ichikawa. Visual language studies — a perspective. *Software — Concepts and Tools*, 15(2): 61–67, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Hull:2000:TVA

[HNR00] M. Elizabeth C. Hull, Peter N. Nicholl, and Niall Rooney. Towards a visual approach for component-based software development. *Software — Concepts and Tools*, 19(4):154–160, October 2000. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003789900001`.

Holzmann:1996:EFD

[Hol96] Gerard J. Holzmann. Early fault detection tools. *Software — Concepts and Tools*, 17(2):63–69, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Heeb:1991:IVL

[HP91] Beat Heeb and Cuno Pfister. On intermediate variables and local procedures as parameters. *Structured Programming*, 12(1):39–42, 1991. CODEN STPGEM. ISSN 0935-1183.

Hrebabetzky:1997:CLC

[Hre97] Fran Hrebabetzky. Closed-loop control with oberon. *Software — Concepts and Tools*, 18(2): 73–79, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Hougaard:1995:TIT

[HSA95] Ole I. Hougaard, Michael I. Schwartzbach, and Hosein Askari. Type inference for turbo pascal. *Software — Concepts and Tools*, 16(4):160–169, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Klein:1992:HPP

[KK92] Eduard Klein and Kai Koskimies. How to pipeline parsing with parallel semantic analysis. *Structured Programming*, 13(3):99–107, 1992. CODEN STPGEM. ISSN 0935-1183.

Knuth:1994:MIL

[Knu94] Donald E. Knuth. Mini-indexes for literate programs. *Software — Concepts and Tools*, 15(1): 2–11, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Kofler:1993:RI

[Kof93] Thomas Kofler. Robust iterators in ET++. *Structured Programming*, 14(2):62–85, 1993. CODEN STPGEM. ISSN 0935-1183.

Kimura:1994:GDE

[KSA94] Takayuki Dan Kimura, Samudra Sengupta, and Ajay Apte. A graphic diagram editor for pen computers. *Software — Concepts and Tools*, 15(2):82–??, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Keller:1995:ESB

[KSL+95] Rudolf K. Keller, Xijin Shen, Richard Lajoie, Marianne Ozkan, and Tao Tao. Environment support for business reengineering: The macrotec approach. *Software — Concepts and Tools*, 16(1):31–40, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Klaeren:1990:CMI

[KT90] Herbert Klaeren and Peter Thiemann. A clean modula-2 interface to abstract data types. *Structured Programming*, 11(2): 69–78, 1990. CODEN STPGEM. ISSN 0935-1183.

Lampe:1997:SAM

[Lam97] Jürgen Lampe. Statistics about modules of the oberon system. *Software — Concepts and Tools*, 18(1):27–34, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Lampe:1998:DGD

[Lam98] Jürgen Lampe. Depot4 — a generator for dynamically extensible translators. *Software — Concepts and Tools*, 19(2):97–108, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050013`.

Lee:2000:MBR

[Lee00] M. H. Lee. Model-based reasoning: a principled approach for software engineering. *Software — Concepts and Tools*, 19(4):179–189, October 2000. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780000005`.

Lins:1989:FLA

[Lin89a] Charles Lins. A first look at literate programming. *Structured Programming*, 10(1):60–62, 1989. CODEN STPGEM. ISSN 0935-1183.

Lins:1989:ILP

[Lin89b] Charles Lins. An introduction to literate programming. *Structured Programming*, 10(2):107–112, 1989. CODEN STPGEM. ISSN 0935-1183.

Lowe:1996:BFN

[Low96] Gavin Lowe. Breaking and fixing the needham-schroeder public-key protocol using FDR. *Software — Concepts and Tools*, 17(3):93–102, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Lokpo:1992:ROL

[LP92] Bamba Ibrahim Lokpo and Gérard Padiou. Reusability in the occam language. *Structured Programming*, 13(2):65–74, 1992. CODEN STPGEM. ISSN 0935-1183.

Lalis:1995:POO

[LS95] Spyros Lalis and Beverly A. Sanders. From persistent objects to object transmission in distributed systems using oberon. *Software — Concepts and Tools*,

16(1):12–19, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Marais:1991:GUI

[Mar91] Johannes L. Marais. The GADGETS user interface management system. *Structured Programming*, 12(2):75–90, 1991. CODEN STPGEM. ISSN 0935-1183.

McCartney:1997:USE

[McC97] Paul McCartney. A usability study of end-user construction of distributed multimedia applications. *Software — Concepts and Tools*, 18(2):63–72, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Meyer:1989:SPO

[Mey89] Bertrand Meyer. From structured programming to object-oriented design: The road to Eiffel. *Structured Programming*, 10(1):19–39, 1989. CODEN STPGEM. ISSN 0935-1183.

Michelis:1993:RC

[MG93] Giorgio De Michelis and Maria Antonietta Grasso. Routines and conversations. *Structured Programming*, 14(3):110–118, 1993. CODEN STPGEM. ISSN 0935-1183.

McCartney:1995:EEU

[MGS95] Paul McCartney, Kenneth J. Goldman, and David E. Saff. EUPHORIA: End-user construction of direct manipulation user interfaces for distributed applications. *Software — Concepts and Tools*, 16(4):147–159, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Milanese:1991:AGL

[Mil91] Vitaliano Milanese. Aspects of a graphic language: a critical evaluation. *Structured Programming*, 12(3):157–??, 1991. CODEN STPGEM. ISSN 0935-1183.

Mansharamani:2000:RTG

[MKVM00] Rajesh Mansharamani, Prasad Kallepalli, Harsha Veerabhadraiah, and Benny Mathew. RVGEN: a tool for generation of random variates. *Software — Concepts and Tools*, 19(4):161–167, October 2000. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003789900002`.

Morris:1990:PER

[Mor90] Joseph M. Morris. Programming by expression refinement: a sequence of examples. *Structured Programming*, 11(4):189–198, 1990. CODEN STPGEM. ISSN 0935-1183.

Moser:1995:MOO

[Mos95] Simon Moser. Metamodels for object oriented systems: a proposition of metamodels describing object oriented systems at consecutive levels of abstraction. *Software — Concepts and Tools*, 16(2):63–80, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Miller:1990:SPP

[MS90] Russ Miller and Quentin F. Stout. Seymour: a portable parallel programming language. *Structured Programming*, 11 (4):157–172, 1990. CODEN STPGEM. ISSN 0935-1183.

Mendelzon:1995:REV

[MS95] Alberto O. Mendelzon and Johannes Sametinger. Reverse engineering by visualizing and querying. *Software — Concepts and Tools*, 16(4):170–182, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Margaria:1996:F

[MS96] Tiziana Margaria and Bernhard Steffen. Foreword. *Software — Concepts and Tools*, 17(2): 49–??, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Mossenbock:1989:OOM

[MT89] Hanspeter Mössenböck and Josef Templ. Object Oberon — a modest object-oriented language. *Structured Programming*, 10(4):199–207, 1989. CODEN STPGEM. ISSN 0935-1183.

Mossenbock:1991:PLO

[MW91a] H. Mössenböck and N. Wirth. The programming language Oberon-2. *Structured Programming*, 12(4):179–195, ???? 1991. CODEN STPGEM. ISSN 0935-1183.

Mossenbock:1991:DBO

[MW91b] Hanspeter Mössenböck and Niklaus Wirth. Differences between Oberon and Oberon-2. *Structured Programming*, 12 (4):175–178, 1991. CODEN STPGEM. ISSN 0935-1183.

Navrat:1996:KCV

[NB96] Pavol Návrat and Mária Bieliková. Knowledge-controlled version selection in software configuration management. *Software — Concepts and Tools*, 17(1):40–??, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Odersky:1989:MNA

[Ode89] Martin Odersky. MINOS: a new approach to the design of an input/output library for Modula-2. *Structured Programming*, 10(2):89–105, 1989. CODEN STPGEM. ISSN 0935-1183.

Padiou:1990:NCE

[Pad90] Gérard Padiou. Nested coroutines for exception handling in modula-2. *Structured Programming*, 11(2):79–84, 1990. CODEN STPGEM. ISSN 0935-1183.

Pomberger:1991:POS

[PBK+91] Gustav Pomberger, Walter R. Bischofberger, Dieter Kolb, Wolfgang Pree, and Holger Schlemm. Prototyping-oriented software development — concepts and tools. *Structured Programming*, 12(1):43–60, 1991.

CODEN STPGEM. ISSN 0935-1183.

Parr:1998:DMP

[PC98] Gerard Parr and Kevin Curran. Dynamic multimedia protocol stacks. *Software — Concepts and Tools*, 19(2):81–88, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050011`.

Pirklbauer:1992:SPM

[Pir92] Klaus Pirklbauer. A stuudyy of pattern-matching algorithms. *Structured Programming*, 13(2):89–??, 1992. CODEN STPGEM. ISSN 0935-1183.

Pomberger:1989:EW

[Pom89] Gustav Pomberger. Editorial welcome. *Structured Programming*, 10(1):3–4, 1989. CODEN STPGEM. ISSN 0935-1183.

Pomberger:1990:E

[Pom90] Gustav Pomberger. Editorial. *Structured Programming*, 11(4):155–156, 1990. CODEN STPGEM. ISSN 0935-1183.

Pomberger:1998:E

[Pom98] Gustav Pomberger. Editorial. *Software — Concepts and Tools*, 19(1):1, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050001`.

Pomberger:2000:DRS

[Pom00] Gustav Pomberger. Dear readers, subscribers and authors. *Software — Concepts and Tools*, 19(4):153, October 2000. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780000007`.

Pree:1995:AGF

[PPSS95] Wolfgang Pree, Gustav Pomberger, Albert Schappert, and Peter Sommerlad. Active guidance of framework development. *Software — Concepts and Tools*, 16(3):136–??, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Pomberger:1994:E

[PR94] Gustav Pomberger and Gerhard Rossbach. Editorial. *Software — Concepts and Tools*, 15(1):1–??, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Pree:1997:CBS

[Pre97] Wolfgang Pree. Component-based software development — a new paradigm in software engineering? *Software — Concepts and Tools*, 18(4):169–174, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Pritchard:1989:DOS

[Pri89] Paul Pritchard. A display-oriented syntax notation. *Struc-*

tured Programming, 10(3):165–168, 1989. CODEN STPGEM. ISSN 0935-1183.

Plasil:1998:AVD

[PS98] František Plášil and Michael Stal. An architectural view of distributed objects and components in CORBA, Java RMI and COM/DCOM. *Software — Concepts and Tools*, 19(1):14–28, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050004`.

Radenski:1998:ME

[Rad98] Atanas Radenski. Module embedding. *Software — Concepts and Tools*, 19(3):122–129, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050015`.

Rossello:1989:DSE

[RBP89] Celestí Rosselló, José L. Balcázar, and Ricardo Pena. Deriving specifications of embeddings in recursive program design. *Structured Programming*, 10(3):133–145, 1989. CODEN STPGEM. ISSN 0935-1183.

Rechenberg:1990:PLT

[Rec90] Peter Rechenberg. Programming languages as thought models. *Structured Programming*, 11(3):105–116, 1990. CODEN STPGEM. ISSN 0935-1183.

Reichenberger:1994:CTS

[Rei94] Christoph Reichenberger. Concepts and techniques for software version control. *Software — Concepts and Tools*, 15(3):97–104, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Revesz:1991:TOM

[Rév91] György E. Révész. On translating ordinary mathematical notation. *Structured Programming*, 12(3):115–122, 1991. CODEN STPGEM. ISSN 0935-1183.

Rizman:1993:BMS

[Riz93] Krista Rizman. Building more structured, understandable, reusable and changeable object-oriented software. *Structured Programming*, 14(3):102–109, 1993. CODEN STPGEM. ISSN 0935-1183.

Reinfelds:1990:DPF

[RM90] Juris Reinfelds and Richard Miller. The development of a program to find the length of the longest m-sequence in a string. *Structured Programming*, 11(1):45–52, 1990. CODEN STPGEM. ISSN 0935-1183.

Rose:1992:NRA

[Ros92] Julian Rose. A new rigorous approach for modelling and refining concurrent behaviour in JSD specifications. *Structured Programming*, 13(1):11–22, 1992. CODEN STPGEM. ISSN 0935-1183.

Sakkinen:1992:DSC

[Sak92] Markku Sakkinen. The darker side of C++ revisited. *Structured Programming*, 13(4):155–178, 1992. CODEN STPGEM. ISSN 0935-1183.

Salomon:1997:IPG

[Sal97] Ralf Salomon. Improving the performance of genetic algorithms through derandomization. *Software — Concepts and Tools*, 18(4):175–??, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Sanders:2000:UAA

[San00] Beverly A. Sanders. Using atomic await commands to develop concurrent programs in Java. *Software — Concepts and Tools*, 19(4):168–174, October 2000. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003789900004`.

Schaffer:1990:CHO

[Sch90] Bruno Schäffer. Chiron — a homogeneous object-oriented language. *Structured Programming*, 11(4):173–188, 1990. CODEN STPGEM. ISSN 0935-1183.

Schnorf:1991:DRS

[Sch91] Peter Schnorf. Design of a reusable symbol table abstraction. *Structured Programming*, 12(2):63–74, 1991. CODEN STPGEM. ISSN 0935-1183.

Schmitz:1992:UIE

[Sch92] Lothar Schmitz. Using inheritance to explore a family of algorithms. *Structured Programming*, 13(2):55–64, 1992. CODEN STPGEM. ISSN 0935-1183.

Suda:1991:TSI

[SD91] Peter Suda and Hans Delfs. TOROS — a system integrating object and rule-oriented programming in a C/UNIX environment. *Structured Programming*, 12(4):207–216, 1991. CODEN STPGEM. ISSN 0935-1183.

Sikora:1993:OOI

[SGHR93] Herman Sikora, Paul Grünbacher, Günter Hummel, and Siegfried Reich. Object-oriented implementation apsects of an abstract relational database interface. *Structured Programming*, 14(2):86–??, 1993. CODEN STPGEM. ISSN 0935-1183.

Sajaniemi:1998:VSP

[SI98] Jorma Sajaniemi and Kari Ikonen. VinEd — a system for program manipulation through user-definable simultaneous views. *Software — Concepts and Tools*, 19(3):130–140, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050016`.

Steffen:1996:HAV

[SMC96] Bernhard Steffen, Tiziana Margaria, and Andreas Claßen. Heterogeneous analysis and verification for distributed systems. *Software — Concepts and Tools*, 17(1):13–25, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Steffen:1996:IFK

[SMCB96] Bernhard Steffen, Tiziana Margaria, Andreas Claßen, and Volker Braun. Incremental formalization: a key to industrial success. *Software — Concepts and Tools*, 17(2):78–??, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Spinellis:1993:IHL

[Spi93] Diomidis Spinellis. Implementing Haskell: Language implementation as a tool building exercise. *Structured Programming*, 14(1):37–48, 1993. CODEN STPGEM. ISSN 0935-1183. URL `http://kerkis.math.aegean.gr/~dspin/pubs/jrnl/1993-StrProg-Haskell/html/exp.html`.

Smith:1992:MCS

[SS92] Lisa M. Smith and Mansur H. Samadzadeh. Measuring complexity and stability of WEB programs. *Structured Programming*, 13(1):35–50, 1992. CODEN STPGEM. ISSN 0935-1183.

Stary:1996:IWR

[Sta96] Christian Stary. Integrating workflow representations into user interaface design representations. *Software — Concepts and Tools*, 17(4):173–??, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Spoelder:1993:CCC

[SUL93] Hans J. W. Spoelder, A. H. Ullings, and C. N. Liu. Coupling a C++ class with existing software: a case study with BLAS. *Structured Programming*, 14(4):150–157, 1993. CODEN STPGEM. ISSN 0935-1183.

Szyperski:1998:ECS

[Szy98] Clemens Szyperski. Emerging component software technologies — a strategic comparison. *Software — Concepts and Tools*, 19(1):2–10, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050002`.

Templ:1991:DIS

[Tem91] Josef Templ. Design and implementation of SPARC-Oberon. *Structured Programming*, 12 (4):197–206, 1991. CODEN STPGEM. ISSN 0935-1183.

Turner:1995:SBA

[TR95] Christopher David Turner and David J. Robson. A state-based approach to the testing of class-based programs. *Software — Concepts and Tools*, 16(3):106–112, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Tretmans:1996:TGI

[Tre96] Jan Tretmans. Test generation with inputs, outputs and repetitive quiescence. *Software — Concepts and Tools*, 17(3):103–120, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Tung:1989:SMLb

[Tun89] Sho-Huan Tung. A structured method for literate programming. *Structured Programming*, 10(2):113–120, 1989. CODEN STPGEM. ISSN 0935-1183.

Turski:1992:ECP

[Tur92] Wladyslaw M. Turski. Extending the computing paradigm. *Structured Programming*, 13(1):1–10, 1992. CODEN STPGEM. ISSN 0935-1183.

Toleman:1998:SED

[TW98] Mark A. Toleman and Jim Welsh. Systematic evaluation of design choices for software development tools. *Software — Concepts and Tools*, 19(3):109–121, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050014`.

Volpano:1995:TCC

[Vol95] Dennis M. Volpano. Type checking coherent overloading. *Software — Concepts and Tools*, 16(2):81–85, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Ward:1994:LOP

[War94] Martin P. Ward. Language-oriented programming. *Software — Concepts and Tools*, 15(4):147–161, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Wildman:2000:CAD

[WFC00] Luke Wildman, Colin Fidge, and David Carrington. Computer-aided development of a real-time program. *Software — Concepts and Tools*, 19(4):190–202, October 2000. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780000006`.

Weinand:1989:DIS

[WGM89] André Weinand, Erich Gamma, and Rudolph Marty. Design and implementation of ET++, a seamless object-oriented application framework. *Structured Programming*, 10(2):63–87, 1989. CODEN STPGEM. ISSN 0935-1183.

Welsh:1994:SDC

[WH94] Jim Welsh and Jun Han. Software documents: Concepts and tools. *Software — Concepts and Tools*, 15(1):12–25, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Wirth:1989:DSS

[Wir89] Niklaus Wirth. Designing a system from scratch. *Structured Programming*, 10(1):10–18, 1989.

CODEN STPGEM. ISSN 0935-1183.

Wirth:1996:TVT

[Wir96] Niklaus Wirth. Tasks versus threads: an alternative multiprocessing paradigm. *Software — Concepts and Tools*, 17(1): 6–12, 1996. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Waeselynck:1994:SDA

[WP94] Hélène Waeselynck and Dietmar Pfahl. System dynamics applied to the modelling of software projects. *Software — Concepts and Tools*, 15(4):162–176, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Welsh:1994:IST

[WY94] Jim Welsh and Yun Yang. Integration of semantic tools into document editors. *Software — Concepts and Tools*, 15(2):68–81, 1994. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Xue:1997:DPK

[XD97] Jinyun Xue and Ruth Davis. A derivation and proof of Knuth's binary to decimal conversion program. *Software — Concepts and Tools*, 18(4):149–156, 1997. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Yeager:1989:HSA

[Yea89] Dorian P. Yeager. A history-sensitive approach to the description of binary relations. *Structured Programming*, 10(3):157–163, 1989. CODEN STPGEM. ISSN 0935-1183.

Yuen:1995:BPA

[YF95a] Chung-Kwong Yuen and Ming-Dong Feng. BaLinda plus: Adding objects to parallel languages. *Software — Concepts and Tools*, 16(3):95–105, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Yuen:1995:ICS

[YF95b] Chung-Kwong Yuen and Ming-Dong Feng. Iterative computation and speculative processing. *Software — Concepts and Tools*, 16(1):41–??, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Zimmer:1995:TSC

[Zim95] J. Adrian Zimmer. Type substitution in compiled code. *Software — Concepts and Tools*, 16(1): 20–30, 1995. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic).

Zhou:1998:NNC

[ZWC98] Yan Zhou, Dawn Wilkins, and Robert P. Cook. Neural network control for a fire-fighting robot. *Software — Concepts and Tools*, 19(3):146–152, March 1998. CODEN SCOTE5. ISSN 0945-8115 (print), 1432-2188 (electronic). URL `https://link.springer.com/article/10.1007/s003780050018`.