

A Bibliography of Publications in ACM SIGPLAN Notices, 1960–1969

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/>

08 November 2023

Version 3.12

Title word cross-reference

Comments [25]. **compile** [36]. **compiler** [40]. **concept** [39]. **considered** [50].
context [22]. **context-free** [22]. **control** [23]. **conversion** [25].

+ [19].

DDI [24]. **defining** [18]. **directing** [23].
Document [47].

1.5 [45].

68 [29, 21].

ALGOL [3, 8, 13, 15, 16, 19, 21, 29, 18].
Algol-based [18]. **ALGOL-N** [19].
algorithm [22]. **Alternatives** [38]. **aspects** [30]. **authors** [35].

base [30]. **based** [18]. **Basel** [30]. **Bounce** [23]. **Bounce-and-skip** [23]. **Bulletin** [41, 3, 8, 13, 15, 16, 10, 12, 2, 5, 9, 1, 4, 7, 14].

EPS [34]. **evaluation** [24]. **execution** [18].
extensibility [36, 39]. **extensible** [37, 30, 29, 38, 27, 40]. **extension** [33, 31].

facilities [31]. **facility** [33, 30]. **feature** [42].
features [32]. **flow** [23]. **FORTRAN** [12, 10]. **free** [22].

collateral [18]. **Commenting** [46].

general [28, 18]. **generation** [21]. **Go** [50, 51]. **GPL** [28].

harmful [50]. hybrid [18].

IMP [31]. infinite [20, 21]. information [10, 12, 2]. interpreter [26]. Introduction [27]. involving [21].

JOVIAL [24, 2].

laboratory [44]. language [28, 30, 29, 18, 35, 32]. Languages [17, 37, 22, 11, 38, 27, 40]. LISP [41, 45, 42, 47, 48, 26, 49, 46]. Literate [52].

machine [22]. machine-oriented [22]. Macro [34]. Manual [43]. MLISP [43]. modes [20, 21]. Motivation [37].

N [19]. NELIAC [6]. news [6]. No [41, 6, 3, 8, 13, 15, 16, 10, 12, 2, 5, 9, 1, 4, 7, 14]. Number [49].

oriented [22].

Package [49]. Panel [35, 39]. particular [18]. PL [25, 36, 5, 9]. PL/I [25, 36, 5, 9]. polymorphic [32]. PPL [32]. precision [25]. procedures [18]. processing [34]. Program [47]. Programming [51, 52, 17, 11, 18, 32, 44]. Programs [46, 21, 23]. proposed [25]. Proteus [33]. purpose [28].

Random [49]. recognition [22]. Review [24, 17]. Revision [25]. rules [25].

seminar [17]. semiotic [11]. skip [23]. SNOBOL [4, 7, 14, 1]. Snobol4 [26]. Some [30, 40, 32]. Standard [48]. statement [50]. Statements [51]. Structure [47]. Structured [51]. study [24]. Systems [45].

technique [23]. techniques [40]. theory [11]. time [36]. Today [17]. Transformations [33].

UCC [17]. use [40]. User [43].

References

Waite:1967:SBNa

- [1] William M. Waite. Snobol bulletin no. 1. *ACM SIGPLAN Notices*, 2(5):1–4, May 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139522.1139528>.

Oppenheim:1967:JIB

- [2] David K. Oppenheim. Jovial information bulletin no. 1. *ACM SIGPLAN Notices*, 2(5):1–5, May 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139522.1139524>.

Duncan:1967:ABNa

- [3] F. G. Duncan. ALGOL bulletin no. 25. *ACM SIGPLAN Notices*, 2(5):1–30, May 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139522.1139526>.

Waite:1967:SBNb

- [4] William M. Waite. SNOBOL bulletin no. 2. *ACM SIGPLAN Notices*, 2(7):1–7, July 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139514.1139516>.

Southworth:1967:PBNa

- [5] R. N. Southworth. PL/I bulletin no. 4. *ACM SIGPLAN Notices*, 2(8):1–40, August 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-

1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139518.1139520>.

Anonymous:1967:NNN

- [6] Anonymous. NELIAC news no. 1. *ACM SIGPLAN Notices*, 2(9):1–6, September 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139530.1139532>.

Waite:1967:SBNc

- [7] William M. Waite. SNOBOL bulletin no. 3. *ACM SIGPLAN Notices*, 2(10):1–7, October 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139494.1139496>.

Duncan:1967:ABNb

- [8] F. G. Duncan. ALGOL bulletin no. 26. *ACM SIGPLAN Notices*, 2(11):1–49, November 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139498.1139500>.

Southworth:1967:PBNb

- [9] R. N. Southworth. PL/I bulletin no. 5. *ACM SIGPLAN Notices*, 2(12):1–71, December 1967. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139502.1139504>.

Golde:1968:FIBa

- [10] Hellmut Golde. Fortran information bulletin no. 1. *ACM SIGPLAN Notices*, 3(2):1–5, February 1968. CODEN SINODQ. ISSN 0362-1340 (print),

1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139544.1139546>.

Laszlo:1968:TST

- [11] Steven I. Laszlo. Toward a semi-otic theory of programming languages. *ACM SIGPLAN Notices*, 3(5):24–27, May 1968. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/954348.954349>.

Golde:1968:FIBb

- [12] Hellmut Golde. FORTRAN information bulletin no. 3. *ACM SIGPLAN Notices*, 3(7–8):1–19, July–August 1968. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic).

Duncan:1968:ABNa

- [13] F. G. Duncan. ALGOL bulletin no. 27. *ACM SIGPLAN Notices*, 3(9):1–65, September 1968. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139560.1139562>.

Waite:1968:SBN

- [14] W. M. Waite. SNOBOL bulletin no. 5. *ACM SIGPLAN Notices*, 3(10):1–6, October 1968. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139552.1139554>.

Duncan:1968:ABNb

- [15] F. G. Duncan. ALGOL bulletin no. 28. *ACM SIGPLAN Notices*, 3(11):1–83, November 1968. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print),

- 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139536>. 1139538.
- Koster:1969:IM**
- [20] C. H. A. Koster. On infinite modes. *ACM SIGPLAN Notices*, 4(3):86–89, March 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1316865>. 1316868.
- Duncan:1968:ABNc**
- [16] F. G. Duncan. ALGOL bulletin no. 29. *ACM SIGPLAN Notices*, 3(12):1–69, December 1968. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1139540>. 1139542.
- Shaw:1969:RUS**
- [17] C. J. Shaw. Review of UCC seminar on “Programming Languages Today”. *ACM SIGPLAN Notices*, 4(2):24–25, February 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/953392>. 953393.
- Roberts:1969:ABL**
- [18] John B. Roberts. An Algol-based language for defining collateral execution of procedures in general and hybrid programming in particular. *ACM SIGPLAN Notices*, 4(3):17–37, March 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1316865>. 1316866.
- Igarashi:1969:A**
- [19] S. Igarashi, T. Iwamura, K. Sakuma, T. Simauti, T. Simuzu, S. Takasu, E. Wada, and N. Yoneda. ALGOL-N⁺. *ACM SIGPLAN Notices*, 4(3):38–85, March 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1316865>. 1316867.
- Meertens:1969:GAP**
- [21] L. Meertens. On the generation of ALGOL 68 programs involving infinite modes. *ACM SIGPLAN Notices*, 4(3):90–92, March 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1316865>. 1316869.
- Floyd:1969:MOR**
- [22] Robert W. Floyd. A machine-oriented recognition algorithm for context-free languages. *ACM SIGPLAN Notices*, 4(5):28–29, May 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/987470>. 987472.
- Nievergelt:1969:BST**
- [23] J. Nievergelt and M. I. Irland. Bounce-and-skip: a technique for directing the flow of control in programs. *ACM SIGPLAN Notices*, 4(5):29–31, May 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/987470>. 987473.
- Shaw:1969:RDJ**
- [24] Christopher J. Shaw. Review of the DDI JOVIAL evaluation study. *ACM SIGPLAN Notices*, 4(6):13–17, June 1969. CODEN SINODQ. ISSN 0362-1340

(print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1317443.1317444>.

Weinberg:1969:CPR

- [25] G. M. Weinberg. Comments on the proposed “Revision of PL/I conversion and precision rules”. *ACM SIGPLAN Notices*, 4(6):17–20, June 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1317443.1317445>.

McGowan:1969:LIS

- [26] Clement McGowan and Peter Wegner. A LISP interpreter in Snobol4. *ACM SIGPLAN Notices*, 4(6):20–33, June 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1317443.1317446>.

Perlis:1969:IEL

- [27] Alan J. Perlis. Introduction to extensible languages. *ACM SIGPLAN Notices*, 4(8):3–5, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115859>.

Garwick:1969:GGP

- [28] Jan V. Garwick. GPL, a general purpose language. *ACM SIGPLAN Notices*, 4(8):6–8, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115860>.

Mailloux:1969:AEL

- [29] Barry J. Mailloux and John E. L. Peck. Algol 68 as an extensible language. *ACM*

SIGPLAN Notices, 4(8):9–13, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115861>.

Jorrand:1969:SAB

- [30] Philippe Jorrand. Some aspects of Basel, the base language for an extensible language facility. *ACM SIGPLAN Notices*, 4(8):14–17, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115862>.

Irons:1969:EFI

- [31] Edgar T. Irons. The extension facilities of IMP. *ACM SIGPLAN Notices*, 4(8):18–19, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115863>.

Standish:1969:SFP

- [32] Thomas A. Standish. Some features of PPL, a polymorphic programming language. *ACM SIGPLAN Notices*, 4(8):20–26, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115864>.

Bell:1969:TEF

- [33] James R. Bell. Transformations: the extension facility of Proteus. *ACM SIGPLAN Notices*, 4(8):27–31, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115865>.

MacLaren:1969:MPE

- [34] M. Donald MacLaren. Macro processing in EPS. *ACM SIGPLAN Notices*, 4(8):32–36, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115866>.

Shaw:1969:PLA

- [35] Christopher J. Shaw. Panel of language authors. *ACM SIGPLAN Notices*, 4(8):37–39, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115867>.

Nicholls:1969:PCT

- [36] John Nicholls. PL/I compile time extensibility. *ACM SIGPLAN Notices*, 4(8):40–44, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115868>.

Cheatham:1969:MEL

- [37] Thomas E. Cheatham. Motivation for extensible languages. *ACM SIGPLAN Notices*, 4(8):45–49, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115869>.

McIlroy:1969:AEL

- [38] M. D. McIlroy. Alternatives to extensible languages. *ACM SIGPLAN Notices*, 4(8):50–52, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (elec-

tronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115870>.

Wegner:1969:PCE

- [39] Peter Wegner. Panel on the concept of extensibility. *ACM SIGPLAN Notices*, 4(8):53–54, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115871>.

Standish:1969:SCC

- [40] Thomas A. Standish. Some compiler-compiler techniques for use in extensible languages. *ACM SIGPLAN Notices*, 4(8):55–62, August 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1115858.1115872>.

Bobrow:1969:LB

- [41] Daniel G. Bobrow. LISP bulletin no. 1. *ACM SIGPLAN Notices*, 4(9):17–57, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). URL <https://dl.acm.org/doi/10.1145/1132291.1132032>.

Bobrow:1969:NLF

- [42] Daniel G. Bobrow. A new LISP feature. *ACM SIGPLAN Notices*, 4(9):17, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Smith:1969:MUM

- [43] David Canfield Smith. MLISP user's manual. *ACM SIGPLAN Notices*, 4(9):18, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867

(print), 1558-1160 (electronic). Embedded in [41].

Teitelman:1969:TPL

- [44] Warren Teitelman. Toward a programming laboratory. *ACM SIGPLAN Notices*, 4(9):18, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Bobrow:1969:LS

- [45] Daniel G. Bobrow. LISP 1.5 systems. *ACM SIGPLAN Notices*, 4(9):19, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Shaw:1969:CLP

- [46] Christopher J. Shaw. Commenting LISP programs. *ACM SIGPLAN Notices*, 4(9):20, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Bobrow:1969:PDL

- [47] Daniel G. Bobrow. A program to document LISP program structure. *ACM SIGPLAN Notices*, 4(9):21–24, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Hearn:1969:SL

- [48] Anthony C. Hearn. Standard LISP. *ACM SIGPLAN Notices*, 4(9):25–52, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Palme:1969:LRN

- [49] Jacob Palme. A LISP random number package. *ACM SIGPLAN Notices*, 4(9):53–57, September 1969. CODEN SINODQ. ISSN 0362-1340 (print), 1523-2867 (print), 1558-1160 (electronic). Embedded in [41].

Dijkstra:1968:GSC

- [50] Edsger Wybe Dijkstra. Go to statement considered harmful. *Communications of the ACM*, 11(3):147–148, March 1968. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). This paper inspired scores of others, published mainly in SIGPLAN Notices up to the mid-1980s. The best-known is [51].

Knuth:1974:SPG

- [51] Donald E. Knuth. Structured programming with **go to** statements. *ACM Computing Surveys*, 6(4):261–301, December 1974. CODEN CMSVAN. ISSN 0360-0300 (print), 1557-7341 (electronic). Reprinted with revisions in *Current Trends in Programming Methodology*, Raymond T. Yeh, ed., 1 (Englewood Cliffs, NJ: Prentice-Hall, 1977), 140–194; *Classics in Software Engineering*, Edward Nash Yourdon, ed. (New York: Yourdon Press, 1979), 259–321. Reprinted with “final” revisions in [52, pp. 17–89]. This paper is a response to [50].

Knuth:1992:LP

- [52] Donald E. Knuth. *Literate Programming*, volume 27 of *CSLI Lecture Notes*. Stanford University Center for the Study of Language and Information, Stanford, CA, USA, 1992. ISBN 0-937073-80-6 (paperback), 0-937073-81-4 (hardcover). xvi + 368 pp. LCCN QA76.6 .K644 1992.

US\$24.95 (paperback), US\$59.95 (hardcover). Distributed by the University of Chicago Press.