

Bibliography

[Belady1976]

L.A. Belady and M.M. Lehman, "A Model of Large Program Development," *IBM Systems Journal* **15**(3), p.225–252 (1976).

[Belady1985]

L.A. Belady and M.M. Lehman, "Program System Dynamics or the Metadynamics of Systems in Maintenance and Growth," in *Program Evolution*, ed. M.M. Lehman and L.A. Belady, Academic Press, London (1985).

[Blackburn1996]

J.D. Blackburn, G.D. Scudder, and L.N. van Wassenhove, "Improving Speed and Productivity of Software Development: A Global Survey of Software Developers," *IEEE Transactions on Software Engineering* **SE-22**(12), p.875–883 (December, 1996).

[Boddie1987]

J. Boddie, *Crunch Mode, Building Effective Systems on a Tight Schedule*, Prentice-Hall, London (1987).

[Boehm1988a]

B. Boehm, "Process Architectures in a COTS-Oriented World," Workshop Presentation, Software Engineering Institute, Pittsburgh, PA (May, 1988).

[Boehm1981]

B.W. Boehm, *Software Engineering Economics*, Prentice-Hall, Englewood Cliffs, NJ (1981).

[Boehm1984]

B.W. Boehm, "Software Engineering Economics," *IEEE Transactions on Software Engineering* **SE-10**, p.4–21 (January, 1984).

[Boehm1988b]

B.W. Boehm, "A Spiral Model of Software Development and Enhancement," *IEEE Computer* **21**(5), p.61–72 (May, 1988).

[Boehm1989]

B.W. Boehm and R. Ross, "Theory W Software Project Management: Principles and Examples," *IEEE Transactions on Software Engineering* **SE-15**(7), p.902–916 (July, 1989).

[Botting1997]

R.J. Botting, "On the Economics of Mass-Marketed Software," pp. 465–470 in *Proceedings of the Nineteenth International Conference on Software Engineering*, Boston, MA (1997).

[Brooks1975]

F.P. Brooks, Jr., *The Mythical Man-Month: Essays on Software Engineering*, Addison Wesley, Reading, MA (1975).

[Brooks1987]

F.P. Brooks, Jr., "No Silver Bullet," *Computer* **20**(4), p.10–19 (April, 1987).

[Brooks1995a]

F.P. Brooks, Jr., "Keynote Address," in *Seventeenth International Conference on Software Engineering*, IEEE Computer Society, Seattle, WA (1995).

[Brooks1995b]

F.P. Brooks, Jr., *The Mythical Man-Month: Essays on Software Engineering*, Addison Wesley, Reading, MA (1995). Second Edition.

- [Curtis1988]
B. Curtis, H. Krasner, and N. Iscoe, "A Field Study of the Software Design Process for Larger Systems," *Communications of the ACM* **31**(11), p.1268–1287 (November, 1988).
- [Curtis1991]
B. Curtis, "Techies As Non-Technological Factors in Software Engineering," pp. 147–148 in *Proceedings of the Thirteenth International Conference on Software Engineering*, Austin, TX (1991).
- [DeMarco1991]
T. DeMarco, "Non-Technological Issues in Software Engineering," pp. 149–150 in *Proceedings of the Thirteenth International Conference on Software Engineering*, Austin, TX (1991).
- [DeMarco1996a]
T. DeMarco, "Human Capital, Unmasked," *New York Times* (April 14, 1996).
- [DeMarco1996b]
T. DeMarco, "Requirements Engineering: Why Aren't We Better at It?," pp. 2 in *Proceedings of the Second International Conference on Requirements Engineering*, Colorado Springs, CO (1996). Keynote.
- [DeMarco1996c]
T. DeMarco, "The Role of Software Development Methodologies: Past, Present, Future," pp. 2–4 in *Proceedings of the Eighteenth International Conference on Software Engineering*, Berlin (1996). Keynote.
- [Dijkstra1972]
E.W. Dijkstra, "Notes on Structured Programming," in *Structured Programming*, ed. O.-J. Dahl, E.W. Dijkstra, and C.A.R. Hoare, Academic Press, London (1972).
- [Ebenau1994]
R.G. Ebenau and S.H. Strauss, *Software Inspection Process*, McGraw Hill, New York (1994).
- [Feldman1979]
S.I. Feldman, "Make — A Program for Maintaining Computer Programs," *Software—Practice and Experience* **9**(4), p.224–265 (April, 1979).
- [Gilb1993]
T. Gilb and D. Graham, *Software Inspection*, Addison Wesley, Wokingham, UK (1993).
- [Glass1997]
R.L. Glass, "Client/Server: Boom or Bust?," *Journal of Systems and Software* **37**, p.99–100 (1997).
- [Gordon1991]
S. Gordon and J. Bieman, "Rapid Prototyping and Software Quality: Lessons from Industry," pp. 19–29 in *Proceedings of the Pacific Northwest Software Quality Conference*, Portland, Oregon (October 7–8, 1991).
- [Guindon1987]
R. Guindon, H. Krasner, and B. Curtis, "Cognitive Processes in Software Design: An Analysis of Break-downs," in *Proceedings of Interact'87 - 2nd IFIP Conference on Human-Computer Interaction* (September, 1987).
- [Horning1994]
J.J. Horning, "Computation Engineering, Foundations, Metaphors, and Metrics," pp. 1 in *Proceedings of the Second ACM SIGSOFT Symposium on Foundations of Software Engineering, Software Engineering Notes*, New Orleans (December, 1994). Keynote.
- [Humphrey1989a]
W.S. Humphrey, *Managing the Software Process*, Addison Wesley, Reading, MA (1989).

- [Humphrey1989b]
W.S. Humphrey, D.H. Kitson, and T.C. Kasse, "The State of Software Engineering Practice: A Preliminary Report," CMU/SEI-89-TR-1, Software Engineering Institute, Carnegie Mellon University, Pittsburgh, PA (1989).
- [Jackson1995]
M.A. Jackson, "Problems and Requirements," pp. 2–8 in *Proceedings of the Second IEEE International Symposium on Requirements Engineering*, York, UK (March, 1995).
- [Jacobson1997]
I. Jacobson, M. Griss, and P. Jonsson, *Software Reuse, Architecture Process and Organization for Business Success*, Addison Wesley Longman, Harlow, England (1997).
- [Knight1986]
J.C. Knight and N.G. Leveson, "An Experimental Evaluation of the Assumption of Independence in Multiversion Programming," *IEEE Transactions on Software Engineering* **SE-12**(1), p.96–106 (January, 1986).
- [Knuth1971]
D.E. Knuth, "An Empirical Study of FORTRAN Programs," *Software—Practice and Experience* **1**(1), p.105–133 (January, 1971).
- [Knuth1989a]
D.E. Knuth, "The Errors of T_EX," *Software—Practice and Experience* **19**(7), p.607–685 (July, 1989).
- [Knuth1989b]
D.E. Knuth, "Theory and Practice," Report No. STAN-CS-89-1284, Computer Science Department, Stanford University, Palo Alto, CA (1989). Keynote address at IFIP Congress 1989.
- [Knuth1991]
D.E. Knuth, "Theory and Practice," *Theoretical Computer Science* **90**(1), p.1–15 (1991).
- [Kruzela1991]
I. Kruzela, "Successful Management Structures for Reuse," pp. 40–49 in *Proceedings UNICOM Seminar on Integrated Software Engineering with Reuse*, Heathrow, UK (December, 1991).
- [Lehman1980]
M.M. Lehman, "Programs, Life Cycles, and Laws of Software Evolution," *Proceedings of the IEEE* **68**(9), p.1060–1076 (September, 1980).
- [Leveson1995]
N.G. Leveson, *Safeware: System Safety and Computers*, Addison Wesley, Reading, MA (1995).
- [Maiden1993]
N.A.M. Maiden and A.G. Sutcliffe, "People-oriented Software Reuse: the Very Thought," NATURE Report 93-04, Department of Business Computing, City University, London (1993).
- [Martin1988]
J. Martin and W.T. Tsai, "An Experimental Study in Upstream Software Development," Technical Report, University of Minnesota, Minneapolis, MN (1988).
- [McConnell1997]
S. McConnell, "Annualized Software Delivery," *IEEE Software* **14**(1), p.104–103 (1997).
- [Mills1973]
H.D. Mills, "How to Write Correct Programs and Know It," Report No. FSC 73-5008, IBM Federal Systems Division (1973).

- [Myers1979]
G.J. Myers, *The Art of Software Testing*, Wiley-Interscience, New York, NY (1979).
- [Parnas1972]
D.L. Parnas, "On the Criteria to be Used in Decomposing Systems into Modules," *Communications of the ACM* **15**(2), p.1053–1058 (December, 1972).
- [Parnas1986]
D.L. Parnas and P.C. Clements, "A Rational Design Process: How and Why to Fake It," *IEEE Transactions on Software Engineering* **SE-12**(2), p.196–257 (February, 1986).
- [Parnas1994]
D.L. Parnas, "Software Aging," pp. 279–287 in *Proceedings of the Sixteenth International Conference on Software Engineering*, Sorrento, Italy (May, 1994). Invited Plenary Talk.
- [Paulk1993]
M.C. Paulk, B. Curtis, M.B. Chrissis, and C.V. Weber, "Key Practices of the Capability Maturity Model," Technical Report, CMU/SEI-93-TR-25, Software Engineering Institute (February, 1993).
- [Ritchie1974]
D.M. Ritchie and K.L. Thompson, "The UNIX Time-Sharing System," *Communications of ACM* **17**(7) (July, 1974).
- [Royce1997]
W. Royce, "Pragmatic Software Metrics for Iterative Development," pp. 585 in *Proceedings of the Nineteenth International Conference on Software Engineering*, Boston, MA (1997).
- [Royce1970]
W.W. Royce, "Managing the Development of Large Software Systems: Concepts and Techniques," in *Proceedings of WesCon* (August, 1970).
- [Sackman1968]
H. Sackman, W.J. Erickson, and E.E. Grant, "Exploratory Experimental Studies Comparing Online and Offline Programming Performance," *Communications of the ACM* **11**(1), p.3–11 (January, 1968).
- [Schneberger1997]
S.L. Schneberger, "Distributed Computing Environments: Effects on Software Maintenance Difficulty," *Journal of Systems and Software* **37**, p.101–116 (1997).
- [Strand1982]
E.M. Strand and W.T. Jones, "Prototyping and Small Software Projects," *ACM SIGSOFT Software Engineering Notes* **7**(5), p.169–170 (December, 1982).
- [Thompson1991]
R. Thompson and K.E. Huff, "Supporting Understanding and Adaptation in Software Reuse," pp. 45–50 in *Proceedings of First International Workshop on Software Reuse*, Dortmund (July, 1991).
- [Tomayko1994]
J.E. Tomayko, "Software Project Management," Course Lecture Notes, School of Computer Science, Carnegie Mellon University (1994).