

References

- August, J. H. (1991). Joint Application Design The Group Session Approach to System Design, Yourdon Press.
- Avison, D. E. & Wood-Harper, A.T. (1991), 'Information systems development research: an exploration of ideas in practice.' The Computer Journal 34(2), pp:98-112.
- de Bachtin, O., (1985) It is what it's used for - job perception and system evaluation, in Human-computer interaction - INTERACT '84, B. Shackel (ed.), North-Holland
- Bantleman, J. P. (1985) A feature analysis of L.S.D.M., in Structured methods: State of art report, Pergamon pp 5-25,(1985).
- Berrisford, R. A. (1993). Object-oriented SSADM, Prentice Hall.
- Bell, F., Oates, B., (1994). A Framework for Method Integration. Second BCS Conference on Information Systems Methodologies, Edinburgh, Scotland, British Computer Society.
- Betts, M. (1989). QFD integrated with Software Engineering. The second symposium on Quality Function Deployment, GOAL/QPC (op. cit.).
- Beyer, H.R. and Holtzblatt, K. (1995) Apprenticing with the customer, Communications of the ACM, Vol 38, No5, pp 45-53
- Bhabuta, L. (1989). Balancing System and Organisational Needs: User Involvement in Requirements Analysis. Participation in Systems Development. K. Knight, Kogan Page: 134-151.
- Bjorn-Anderson N., Eason K. and Robey D. (1986) Managing Computer Impact: An International Study of Management and Organisations, Ablex Publishing Corporation.
- Bødker, S. & Grønbaek, K. (1991) "Design in Action: From Prototyping by Demonstration to Cooperative Prototyping". In Design at Work: Cooperative Design of Computer Systems, J. Greenbaum and M. Kyng Eds., Lawrence Erlbaum Assoc., N.J.,
- Booch, G. (1991). Object-Oriented Design with Applications. Redwood City, CA, Benjamin/Cummings.
- Bossert, J. L. (1991). Quality Function Deployment: A Practitioner's Approach. Milwaukee, Wisconsin 53203, ASQC Quality Press.

Brandt, I., (1983) A comparative study of information systems design methodologies. In Olle, T. W., Sol, H.G., & Tully, C. J., Information system design methodologies: a feature analysis, North-Holland.

Bravo, E. (1993), The hazards of leaving out users, in Participatory Design: Principles and Practices, eds D. Schuler and A. Namioka, Lawrence Erlbaum Associates, Inc, Hillsdale, New Jersey , pp3-13

Brodie, M. L., et al (1983) On a framework for information system design methodologies, in Olle, T. W., Sol, H. G., & Tully, C. J., Information system design methodologies: a feature analysis, North-Holland.

BSI (BS 6710) (1986). British Standard Guide to Specifying user requirements for a computer-based system, British Standards Institution.

Bubenko, J. A. (1995). Challenges in Requirements Engineering. Second IEEE International Symposium on Requirements Engineering, York, England. IEEE Computer Society Press, Los Alamitos, California, pp 160-164

Bustard, D.W. and Lundy, P.J., 1995, Enhancing Soft Systems Analysis with Formal Modelling, Second IEEE International Symposium on Requirements Engineering, York, England. IEEE Computer Society Press, Los Alamitos, California, pp 164-172

Carmel, E., R. D. Whitaker, et al. (1993). PD and Joint Application Design: A Transatlantic Comparison. Communications of the ACM 36(4): 40-48.

Catterall, B. J. (1990), The HUFIT functionality matrix. In D. Diaper, D. Gilmore, G. Cockton, & B. Shackel (Eds.) INTERACT'90, Cambridge, IFIP, pp:377-381.

Chatzoglou, P. & L.A. Macaulay, (1995) Requirements Capture and Analysis: the Project Manager's Dilemma, International Journal of Computer Applications in Technology, Vol 8, Nos 3/4, (in press)

Checkland, P.B. (1980) Systems Thinking Systems Practice, John Wiley & Sons, Chichester, England.

Checkland, P.B. & Scholes, J. (1990). Soft Systems Methodology in Action, John Wiley & Sons, Chichester, England.

Coad, P. and E. Yourdon (1991). Object Oriented Analysis, Yourdon Press.

Cohen, W. (1988). Quality Function Deployment: An Application Perspective from Digital Equipment Corporation. National Productivity Review Summer 1988: 197-208.

Crawford, A. (1994). *Advancing Business Concepts in a JAD Workshop Setting*, Prentice Hall Inc. Englewood Cliffs, New Jersey.

Crosby, P. (1985). *Quality Improvement through Defect Prevention*, Philip Crosby Associates, Inc.

Daetz, D. (1989), 'QFD: a method for guaranteeing communication of the customer voice through the whole product development cycle.' In *IEEE International Conference on Communications*, Boston, IEEE, pp:1329-1333.

Dale, A. G., (1984) *The ISAC approach to specification of information systems*, in Olle, T. W., Sol, H. G., & Verrijn-Suart, A. A., *Information system design methodologies: a comparative review*, North-Holland.

Darzentas, T. and Spyrou, T., 1993, *Information systems for primary health care: the case of the Aegean islands*, *European Journal of Information Systems* 2(2), 117-127

DeMarco, T. (1979). *Structured Analysis and System Specification*. Englewood Cliffs, N.J., Prentice - Hall.

Dobbin, T.J. and Bustard, D.W., 1994, *Combining Soft Systems Methodology and Object Oriented Analysis: The search for a good fit*, in proceedings of the second conference on *Information Systems Methodologies*, BCS ISM Specialist Group, eds: Lissoni, C., Richardson, T., Miles, R., Wood-Harper, T., Jayaratna, N., pp 69-80

DOORS (1995) *Quality Systems and Software, DOORS : Requirements Management Tool..*

Douglas, T. (1970): *A Decade of Small Group Theory, 1960-1970*, Bookstall Publications, London.

Downs, E., P. Clare, et al. (1992). *Structured Systems Analysis and Design Method: Application and Context*, Prentice Hall.

Draper, S., and Oatley, K., (1991) *Practical Methods for Measuring the Performance of Human-Computer Interfaces*, JCI Summerschool notes, 1991.

Eason, K. (1988). *Information Technology and Organisational Change*, Taylor and Francis.

Eason, K. (1989). *Tools for Participation: How Managers and Users Can Influence Design*. *Participation in Systems Development*. K. Knight, Kogan Page: 94-105.

Eason, K. (1992) *The development of a user-centred design process : a case study in multi-disciplinary research*, Inaugural Lecture, Loughborough University of Technology

- Ehn, P., Mollervd, B. and Sjogren, D. (1990). Playing in reality : A paradigm case. *Scandinavian J. Inf. Syst.* 2: 101 - 120.
- Ehn, P. & Kyng, M., (1991) Cardboard Computers : Mocking-it-up of Hands-on-the-future, in *Design at Work : Cooperative Design of Computer Systems*, Eds. J. Greenbaum and M.Kyng, Lawrence Erlbaum Associates, Hillsadae, New Jersey, pp169-197
- El Emam, K., Madhavji, N.H. (1995). Measuring the Success of Requirements Engineering Processes. Second IEEE International Symposium on Requirements Engineering, York, England, IEEE Computer Society Press. pp204 -214
- Fields, R. E., Wright, P.C., Harrison, M.D. (1995). A Task Centred Approach to Analysing Human Error Tolerance Requirements. Second IEEE International Symposium on Requirements Engineering, York, England, IEEE Computer Society Press. pp18-27
- Floyd, C., Mehl, W., Reisen, F., Schmidt, G. and Wolf, G. (1989). Out of Scandinavia : Alternative approaches to software design and system development. *Human - Computer Interaction* 4: 235 - 250.
- Flynn D.J., Layzell P.J., Loucopoulos P. (1986) Assisting the Analyst - The aims and objectives of the Analyst Assist project, BCS Conference on Software Engineering, Southampton, England.
- Flynn, D. J. (1992). *Information Systems Requirements: Determination and Analysis*, McGraw-Hill Book Company Europe.
- Gammack, J. G. & Young, R.M. (1985). Psychological techniques for eliciting expert knowledge. *Research and Development in Expert Systems*. M. A. Bramer (ed.). Cambridge, Cambridge University Press: 105 - 112.
- Gasson, S. (1995). User involvement in decision-making in information systems development. *Proceedings of IRIS 18*, Gjern, Denmark, Gothenburg Studies in Informatics, Report 7. pp201-217
- Gibson, C. F., & Jackson, B. B. (1987). *The Information Imperative: Managing the Impact of Information Technology on Business and People*, Lexington, Mass: Lexington Books D.C. Heath.
- Glasson, B. C. (1984) Guidelines for user participation in the system development process, in *Human-computer interaction - INTERACT '84*, B. Shackel (ed.), North-Holland.
- GOAL/QPC (1989). *Quality Function Deployment: A Process for Continuous Improvement*. The second symposium on Quality Function Deployment, GOAL/QPC, 13 Branch Street, Methuen, MA 01844.

- Gould, J.D. and Lewis, C. (1985) Designing for usability: Key principles and what designers think, *Communications of the ACM*, vol 28, pp300-311
- Greenbaum, J. & Kyng., M, Ed. (1991). *Design at work : Cooperative design of computer systems*, Lawrence Erlbaum Hillsdale, N.J.
- Hart, A. (1985). Knowledge elicitation : issues and methods. *Computer-Aided Design* 17(9): 455 - 462.
- Hughes, J., O'Brien, J., Rodden, T., Rouncefield, M., Sommerville, I. (1995). *Presenting Ethnography in the Requirements Process*. Second IEEE International Symposium on Requirements Engineering, York, England, IEEE Computer Society Press.
- Hutt, A. T. F. (1994). *Object Analysis and Design: Description of Methods*, John Wiley and Sons Inc.
- IEEE (1984) *IEEE Guide to Software Requirements Specifications*, IEEE Std 830-1984. IEEE, Inc 345 East 47th St., New York, NY 10017,USA.
- IEEE (1990) Dorfman, M., Thayer, R. H. (1990). *Standard, guidelines, and examples on system and software requirements engineering*, IEEE Computer Press, California.
- Ince, D. C., H. Sharpe, et al. (1993). *Introduction to Software Project Management and Quality Assurance*, McGraw Hill.
- Jarke, M., Pohl, K. (1994). *Requirements Engineering in 2001 : (virtually) managing a changing reality*. *Software Engineering Journal* Nov.
- Jirotko, M. and J. Goguen (1994). *Requirements Engineering Social and Technical Issues*, Academic Press.
- Johnson, P. (1992). *Human Computer Interaction Psychology, Task Analysis and Software Engineering*, McGraw Hill : London.
- Jungk, R. & Mullert, N. (1987) *Future Workshops : How to create desirable futures*, Institute for Social Inventions, London.
- Kano, N., Seraku, N., Takahashi, F. and Tsuji, S. (1984). *Attractive and must-be quality (in Japanese)*. *Hinshitsu* 14(2): 39 - 48.
- Kawalek, P., & Wastell, D. (1994). *The Development of a Process Modelling Method*. Second BCS Conference on Information Systems Methodologies, Edinburgh, Scotland, British Computer Society. pp295-307
- Keil, M. C., E. (1995). *Customer-Developer Links in Software Development*. *Communications of the ACM* 38(4): 33 - 44.

Kensung, F. and Munk-Madsen, A., (1993), PD: Structure in the Toolbox, Communications of the ACM, June 1993, vol 36, No 4.

Kent, S.J.H, Maibaum, T.S.E & Quirk, W.J., (1993), Formally specifying temporal constraints and error recovery, in proceedings of the First IEEE International Symposium on Requirements Engineering, IEEE Computer Society Press, Los Alamitos, California, pp208-216

King, B. (1989). Better designs in half the time: Implementing QFD in America. Methuen, Mass., GOAL/QPC. (op. cit.)

Konda, S., I. Monarch, et al. (1992). Shared memory in design: A Unifying theme for research and practice. Research in Engineering Design 4(1): 23-42.

Kyng, M. (1991). Designing for Cooperation: Cooperating in Design. Communications of the ACM 34(12): 65-73.

Lano, K. and Haughton, H. (1992). The Z++ Manual, Lloyd's Register.

Lano, K. and Haughton, H. (editors) (1993). Object-oriented Specification Case Studies, Prentice Hall.

Lecuyer, D. (1989). Lessons learned from a QFD on the space transportation engine. The second symposium on Quality Function Deployment, GOAL/QPC (op. cit.)

Loucopoulos, P., Karakostas, V. (1995). System Requirements Engineering, McGraw-Hill International.

Low, J., & Woolgar, S. (1993). Managing the Social-Technical divide: some aspects of the discursive structure of information system development, CRICT Discussion Paper 33, Brunel University.

Lubars, M., Potts, C., Richter, C. (1993). A Review of the State of the Practice in Requirements Modeling. in proceedings of IEEE International Symposium on Requirements Engineering, San Diego, California, IEEE Computer Society Press, Los Alamitos, California. pp2-15

Luff, P., Jirotko, M., Heath, C., & Greatbach, D., (1993) Tasks and social interaction: the relevance of naturalistic analyses of conduct for requirements engineering, in proceedings of IEEE International Symposium on Requirements Engineering, San Diego, California, IEEE Computer Society Press, Los Alamitos, California. pp187-192

Luff, P., Heath, C., & Greatbach, D. (1994) Work, interaction and technology: The naturalistic analysis of human conduct and requirements analysis, in Requirements

Engineering: social and technical issues, Eds. Jirotko, M. and Goguen, J., Academic press, san Diego, California, pp 259-289

Lutz, R.R., (1993) Analysing software requirements errors in safety-critical, embedded systems, in proceedings of IEEE International Symposium on Requirements Engineering, San Diego, California, IEEE Computer Society Press, Los Alamitos, California. pp 126-134

Lyytinen, K., and Hirschheim, R., (1987). Information Systems Failures - a survey and classification of the empirical literature, Oxford Surveys in Information Technology, Oxford University Press Vol 4: 257 - 309.

Macaulay, L. A. (1993). Requirements as a Cooperative Activity. IEEE International Symposium on Requirements Engineering, San Diego, California, IEEE Computer Society Press.

Macaulay, (1995a), Report on a survey of requirements for requirements engineering courses, Department of Computation internal report, UMIST, PO Box 88, Manchester, England, M60 1QD.

Macaulay, L.A. (1995b), Human Computer Interaction for Software Designers, Thomson International Press, ISBN 1-850-32177-9

Macaulay, L.A., (1995c) , Cooperation in Understanding User Needs and Requirements, International Journal of Computer Integrated Manufacturing Systems, Vol. 8. No. 2, pp155-165, Butterworth-Heinemann.

Macaulay, L.A., (1994), Cooperative Requirements Capture: Control Room 2000, Chapter in 'Requirements Engineering: Social and Technical Issues', M. Jirotko and J Goguen (eds), Academic Press, pp67-87.

Markus, M. & Bjorn-Anderson, N. (1987). Power over Users: Its Exercise by System Professionals, Communications of the ACM, vol 30 (6, June 1987).

Marsh, S. (1991). Facilitating and training in Quality Function Deployment. Methuen, Mass., GOAL/QPC.

Marca, D., & McGowan, C., (1988) SADT: Structured Analysis and Design Technique, McGraw-Hill, New York.

McMenamin, S. & Palmer, J. (1984) Essential Systems Analysis, Prentice Hall, Englewood Cliffs, N.J.

McMaster, T., Jones, M.C. & Wood-Harper, A.T. (1995). Implementation Planning: A Role for an 'Information Strategy'. Third Decennial Conference Computers in Context:

Joining Forces in Design, Aarhus, Denmark, Matematisk Institut, Aarhus Universitet, Trykkeriet.

Mills-Packo, P.A., Wilson, K. and Rotar, P., 1991, Highlights from the use of the soft systems methodology to improve agrotechnology transfer in Kona, Hawaii, *Agricultural Systems*, 36, 409-425

Mitroff, I. I. (1980). Management myth information systems revisited: a strategic approach to asking nasty questions about system design. *The Human Side of Enterprise*, Amsterdam.

Monk, A., Wright, P., Haber, J. & Davenport, L. (1993). *Improving Your Human Computer Interface : A practical technique*, Prentice Hall International (UK) Ltd

Monk, A.F. & Curry, M.B. (1994) Discount dialogue modelling with Action Simulator, in *People and Computers 9 - proceedings of HCI'94*, Eds. Cockton, G., Draper, S.W. and Weir, G.R.S, Cambridge University Press, 1994

Morgan, D.L., 1988, *Focus groups as qualitative research*, Sage.

Moser, C. & Kalton, G., (1971) *Survey Methods in Social Investigation*, Gower.

Mullery, G. P. (1987), CORE - a method for controlled requirements expression. In R. H. Thayer & M. Dorfman (Eds.), *System and Software Requirements Engineering*. pp:304-313, IEEE Computer Society Press, Los Alamitos, CA

Mumford, E. (1986). *Designing Systems for Business Success, the ETHICS method*, Manchester Business School publication, Manchester, England.

Mumford, E. (1989). *User Participation in a Changing Environment - Why we need it. Participation in Systems Development*. K. Knight, Kogan Page: 60-72.

Neale, I. M. (1989) *First generation expert systems: a review of knowledge acquisition methodologies*. *The Knowledge Engineering Review*.

Newman, W.M., & Lamming, M.G., (1995) *Interactive System Design*, Addison-Wesley, Berkshire, England

NUPE (1993). *An accident waiting to happen, NUPE's submission to the London Ambulance Enquiry*.

Ohnishi, A., & Agusius, K. (1993). *CARD : A Software Requirements Definition Environment*. *IEEE International Symposium on Requirements Engineering*, San Diego, California, IEEE Computer Society Press.

Orr, K. (1980). Structured Requirements Definition in the 80s., in ACM'80 Conference: New York, ACM Press of the Association for Computing Machinery, pp350 - 354.

Pape, T. & Thoreson, K. (1987) Development of common systems by prototyping, in Computers and Democracy - a Scandinavian Challenge, (eds) G. Bjerknes, P. Ehn & M. Kyng , Avebury, Aldershot, UK, pp297 - 311

Pasch, J. (1991), Dialogical software design. In H.-J. Bullinger (Ed.), Human Aspects in Computing: Design and Use of Interactive Systems and Work with Terminals. pp:556-560, Elsevier Science Publishers, Amsterdam

Pohl, K. (1993), The three dimensions of Requirements Engineering,. In Rolland C., Bodart F., Cauvet C. (eds). Fifth International Conference on Advanced Information Systems Engineering (CAiSE'93). Springer-Verlag Paris, pp.175-292

Preece, J., Rogers, Y., Sharp, H., Benyon, D., Holland, S. & Carey, T., 1994, Human-Computer Interaction, Addison-Wesley.

Reich Y., Konda S., Monarch I., Subrahmanian E., (1992), 'Participation and Design: An Extended View', In Proceedings of the Participatory Design Conference PDC'92, Boston, MA

Robinson, B. (1994). Social Context and Conflicting Interests in Participant Understanding of Information Systems Failure, Second BCS Conference on Information Systems Methodologies, Edinburgh, Scotland, British Computer Society. pp235-249

Ross, D. T. (1977). Structured Analysis: A Language for Communicating Ideas. IEEE Transactions on Software Engineering 3(1 (January 1977)): 16 - 34.

RTM (1994) Marconi Systems Technology. Requirements & Traceability Management Tools.

Rubin, J., (1994), Handbook of Usability Testing: How to plan, design, and conduct effective tests, Jon Wiley & Sons, Inc

Rzevski, G. (1980) On the design of a design methodology, in Jacques, R. & Powell, J. A., Design: Science: Method, Westbury House.

Schuler, D., & Namioka, A. (eds), (1993) Participatory Design: Principles and Practices, Lawrence Erlbaum Associates, Hillsdale, New Jersey.

Skousen, T. (1982) System Development in a shared data environment, the D2S2 methodology. In Olle, T. W., Sol, H. G., & Verrijn-Stuart, A. A.(eds), Information system design methodologies: a comparative review, North-Holland.

- Smith, T. J. (1993). READS : A Requirements Engineering Tool. in proceedings of IEEE International Symposium of Requirements Engineering, San Diego, California, IEEE Computer Society Press, Los Alamitos, California. pp94-98
- Sommerville, I., Rodden, T., Sawyer, P., Bentley, R., Twidale, M. (1993). Integrating Ethnography into the Requirements Engineering Process. IEEE International Conference on Requirements Engineering, San Diego, California, IEEE Computer Society Press. Los Alamitos, California pp165-174
- Souquieres, J. & Levy, N., (1993) Description of Specification Developments, in proceedings of IEEE International Symposium of Requirements Engineering, San Diego, California, IEEE Computer Society Press, Los Alamitos, California. pp216-225
- Sowa, JF (1984). Conceptual Structures: Information Processing in Mind and Machine. Addison-Wesley.
- Strain, J.D., 1990, A harder approach to soft systems: matching men and technology in warship systems, Journal of Applied Systems Analysis 17, 123-132.
- Suchman, L. & Jordan, B., (1990), Interactional troubles in face-to-face survey interviews, Journal of the American Statistical Association, 85 (409), pp232-241
- Sullivan, L. P. (1986). Quality function deployment. Quality Progress 19(6): 39-50.
- Taylor, B. (1990), 'The HUFIT planning analysis and specification toolset.' In D. Diaper, D. Gilmore, G. Cockton, & B. Shackel (Eds.) INTERACT'90, Cambridge, IFIP, pp:371-376.
- Thompson, D. M. M. and M. H. Fallah (1989). QFD - A Starting Point for Customer Satisfaction Metrics. IEEE International Conference on Communications, Boston, June 1989, IEEE.
- Tudor, D.J., & Tudor, I.J, (1995), Systems Analysis and Design : A comparison of structured methods, NCC Blackwell, Oxford, UK.
- Verheijen, GM and Van Bekkum, J (1982). NIAM: An information analysis method. In Information Systems Design Methodologies: A Comparative Review. North-Holland.
- Vidgen, R., 1994, Research in progress: using stakeholder analysis to test primary task conceptual models in information system development, in proceedings of the second conference on Information Systems Methodologies, BCS ISM Specialist Group, eds: Lissoni, C., Richardson, T., Miles, R., Wood-Harper, T., Jayaratna, N.. 223-234
- Viller, S.A. (1990): Computer Support for Group Facilitators: An Investigation, M.Sc. Thesis, University of Manchester.

Viller, S.A. (1991a) The Group Facilitator: a CSCW Perspective, in Bannon, L., Robinson, M., & Schmidt, K. (eds): ECSCW'91. The Second European Conference on Computer Support for Cooperative Work, Amsterdam, Holland, published by Kluwer.

Viller, S.A. (1991b) CRC/211-Group Support, internal project report from the Cooperative Requirements Capture project, available from the Department of Computation, UMIST, Manchester, M60 1QD., UK.

Van Lieshout, M., & Massink, M (1993). Constructing a vulnerable society. in Facing the challenge of risk and vulnerability in an information society. Berleur, Beardon & Laufer, North Holland.

Van Schouwen, A.J., Parnas, D.L. & Madey, J., (1993) Documentation of Requirements for Computer Systems, in proceedings of IEEE International Symposium of Requirements Engineering, San Diego, California, IEEE Computer Society Press, Los Alamitos, California. pp198-208

Wallmuller, E. (1994). Software Quality Assurance: A Practical Approach, Prentice Hall International (UK) Ltd.

Ward, P., and S. Mellor (1985). Structured Development for Real-Time Systems, Englewood Cliffs, N.J., Prentice-Hall.

Wasserman, A. I., Freeman, P., & Porcella, M.(1983) Characteristics of software design methodologies, in Olle, T. W., Sol, H. G., & Tully, C. J.(eds), Information system design methodologies: a feature analysis, North-Holland.

Watson, R. and Smith, R., 1988, Applications of the Lancaster soft systems methodology in Australia, Journal of Applied Systems Analysis, 15, 3-26.

Westley, F. & Walters, J.A. (1988): Group facilitation skills for managers, Management Education and Development, vol. 19, no. 2, pp. 134-143.

Wilson, B., (1984 & 1990) Systems: Concepts, methodologies and applications, 1st and 2nd editions, John Wiley & Sons, Chichester, England

Yourdon, E. (1989). Modern Structured Analysis. Englewood Cliffs, N.J., Yourdon Press.

Zultner, R. E. (1989). Software Quality [Function] Deployment: Applying QFD to software. The second symposium on Quality Function Deployment, GOAL/QPC (op. cit).

Zultner, R. E. (1993). TQM for Technical Teams. Communications of the ACM 36(10): 79 - 91.

