

## REFERENCES

- [1] Kreutzer, W., System Simulation Programming Styles and Languages, Addison-Wesley, London, 1986
- [2] Law, A.M., Simulation Series; Introduction to simulation, Industrial Engineering, May 1986
- [3] Birtwistle, G. M., Discrete Event Modelling on SIMULA, 1st edition, Macmillan Education LTD, London, 1979
- [4] Mitrani, I., Simulation techniques for discrete event systems, Cambridge University Press, Great Britain, 1982
- [5] Naylor, T.H., Balintfy, J.L., Burdick, D.S., and Kong Chu, Computer Simulation Techniques, Wiley, New York, 1966
- [6] Aaram, J., Simuleringsteknikken som nytt MPS-verktøy (In Norwegian only, STF17 A84052), SINTEF, Trondheim, 1984
- [7] Philips, D.T., Ravindran, A., Solberg, J., Operations Research: Principles and Practice, John Wiley & Sons, Inc., 1976
- [8] Hamming, R.W., Numerical Methods for Scientists and Engineers, New York, McGraw-Hill, 1962
- [9] Wild, R., The Techniques of Production Management. London, Holt, Rinehart and Winston, 1971
- [10] Browne, J., Harhen, J., Shivnan, J., Production Management Systems, Addison-Wesley, Galway, Ireland, 1988
- [11] Simulation Study Group: Simulation in UK Manufacturing Industry, Birmingham, 1991
- [12] Borgen, E., En praktisk tilnærming til operativ produksjonssimulering (STF20 A93134), SINTEF, Trondheim, 1993
- [13] Turner, D.H., Manufacturing Simulation comes of Age, CIM Technology, Fall 1986
- [14] Fisker, K., A data driven approach to production modelling and simulation, Technical University of Denmark, Copenhagen, 1988
- [15] Apple Computer Inc., Inside Macintosh, Vol.1-4, 1985
- [16] Nyen, P. A., Simulation from the Laboratory to the Industry (STF17 A88015), SINTEF, Trondheim, 1988
- [17] Pritsker, A.A.B., Introduction to Simulation and SLAM II, Halsted Press, West Lafayette, USA, 1984
- [18] Carson, J.S., Simulation Series, Part 2; Convincing Users of Model's Validity Is Challenging Aspects of Modeler's Job, Industrial Engineering, No 6, June 1986

- [19] Strandhagen, J.O., Model Validation in Manufacturing Simulators. In; Proceedings of the 5th International Conference on Simulation In Manufacturing, SIM-5 in Berlin, IFS Publications, London, England, June 1989
- [20] Browne, J., and Duggan, J., An AI based simulation for production activity control systems. In; Proceedings of the 4th International Conference on Simulation In Manufacturing, SIM-5 in London , IFS Publications, London, England, Nov. 1988
- [21] Browne, J., Harhen, J., Shivnan, J., Production Management Systems, Addison-Wesley, Galway, Ireland, 1988
- [22] Rolstadås, A., Computer-Aided Production Management, Springer Verlag, 1988
- [23] Strandhagen, J.O., Aspects of using simulation at an operational level in manufacturing systems. In; Modelling and Simulation, ESM 90', Simulation Councils, Inc., San Diego, USA, 1990
- [24] Borgen, E., and Strandhagen, J.O., An Object Oriented Tool based on Discrete Event Simulation for Analysis and Design of Manufacturing Systems, In; Optimisation of Manufacturing Systems Design, North-Holland, Tempe, USA, 1989
- [25] Strandhagen, J.O., Expert Systems in Manufacturing Systems, In; Knowledge Based Production Management Systems, North-Holland, Galway, Ireland, 1988
- [26] Sathi, N., Fox M., Baskaran V., Bouer J., Simulation Craft™ An artificial approach to the simulation life cycle. Reprint from SCS Summer Simulation Conference, July 1986
- [27] Seliger G., Viehweger B., Wienke-Toutaoui, B., Kommana S.R., Knowledge Based Simulation of Flexible Manufacturing Systems. In; European Simulation Multiconference, July 1987
- [28] Haddock J., An expert system framework based on a simulation generator. In; Simulation 48:2, 1987
- [29] Liu, D., Artificial Intelligence in a Nutshell, and Its Implications for Manufacturing. In; CIM Review, Winter 1986
- [30] Amble, T., Logic Programming and Knowledge Engineering. 1st ed., Addison-Wesley, London 1987
- [31] Shortliffe, E.H., MYCIN Computer Based Medical Consultation. Elsevier, 1976
- [32] Pooley, R.J., An Introduction to Programming in SIMULA. 1st ed., Blackwell Scientific Publications, England, 1987
- [33] Ulgen, O.M., Thomasma, T., A Graphical Simulation System in Smalltalk-80. In; European Simulation Multiconference, July 1987
- [34] Ruiz-Mier, S., Talavage, J., Ben-Arieh, D., Towards a knowledge-based network simulation environment. In; Winter Simulation Conference, 1985
- [35] Brown, J.S., Burton, R.R., de Kleer, J., Pedagogical, Natural language and knowledge engineering techniques in SOPHIE I, II and III. In; Intelligent Tutoring Systems, 1981
- [36] Cunningham P., Browne, J., A LISP-based heuristic scheduler for automation insertion in electronics assembly. In; Int. J. Prod. Res., Vol. 24, No 6, 1986

- [37] Fox, M.S., Smith, S.F., ISIS a knowledge based system for factory scheduling. In; Expert Systems, The International Journal of Knowledge Engineering, Vol. 1, No 1, 1984
- [38] Shivanan, J. and Browne, J., AI-based Simulation of Advanced Manufacturing Systems. In; Simulation in Manufacturing-2, Chicago, USA, June 1986
- [39] Wu, S-Y., and Wysk, R.A., MPECS - An Intelligent Flexible Machining Cell Controller. In; European Simulation Multiconference, July 1987
- [40] Wadhwa, S., Felix, C., Browne, J., A goal directed data driven simulator for fas design. In; European Simulation Multiconference, July 1987
- [41] Grasmo, G., Hauknes, B.A., Ramsli, E., Simulering av produksjonssystem. SINTEF report, Trondheim, Norway, October 1986
- [42] Grasmo, G., Hauknes, B.A., Nyen, P.Aa., Ramsli, E., Strandhagen, J.O., Aaram, J., Krav- og funksjonsspesifikasjoner til et simuleringsverktøy for mekanisk industri - SIMMEK. SINTEF report, Trondheim, Norway, March 1987
- [43] Nyen, P.Aa., A Comprehensive Environment to Object Oriented Simulation of Manufacturing Systems. In; European Simulation Multiconference, July 1987
- [44] Strandhagen, J.O., Expert Knowledge in Object Oriented Simulation of Manufacturing System. In; Simulation In Manufacturing - 3, Turin, Italy, November 1988
- [45] Borgen, SIMMEK User manual, SINTEF, Trondheim, 1993



