

7. REFERENCES

- [1] FG Fowler and HW Fowler, *The Oxford Dictionary*, 6th Edition, Oxford University Press, Oxford, UK, 1978.
- [2] JE Calmeyer, *The Management of Electricity Cost within an Academic Institution*, M.Eng Dissertation, University of Pretoria, Pretoria, 1999.
- [3] JG Roos, Incrementing industrial cost savings through intelligent demand management, Ph.D. Thesis: Department of Electrical and Electronic Engineering, University of Pretoria: Pretoria 1996.
- [4] A Thumann and DP Mehta, *Handbook of Energy Engineering*, 2nd Edition, The Fairmont Press, Lilburn, USA, 1991.
- [5] WC Turner, *Energy Management Handbook*, 2nd Edition, The Fairmont Press, Lilburn, USA, 1993.
- [6] L Tissink, Energy Conservation at Vaal Reefs, SAIEE Joint Symposia on Electrical Tariffs and Metering and Management and Auditing of Electrical Energy, Session 4, 1992.
- [7] JR Dunham and E Kruesi, *The measurement task era*, IEEE Computer, vol. 16, no. 11, November.
- [8] HK Jacobsen, Technology Diffusion in Energy-Economy Models: The Case of Danish Vintage Models, The Energy Journal, Vol 21, no 1, 2000.
- [9] GJ Delport, Integrated Electricity End-Use Planning in Deep Level Mines. Ph.D. Thesis: Department of Electrical and Electronic Engineering, University of Pretoria: Pretoria 1994.



- [10] Eskom Annual Report 1999, Eskom, South Africa.
- [11] K Arnold, Introduction to Energy Management. ENB 780 Course Report: Department of Electrical and Electronic Engineering, University of Pretoria, Pretoria, 1998.
- [12] LM Rose, The application of mathematical modelling to process development and design, Applied Science Publishers, London 1974.
- [13] GD Redford, JG Rimmer, D Titherington, Mechanical Technology. Macmillann and Co, London 1969.
- [14] D Klein, P Schanzlin, A Bekker, *Pump Handbook*. KSB Publishers, Germany, 1961.
- [15] JEA John, *Introduction to Fluid Mechanics*. 2nd Edition, Prentice-Hall, New Jersey, 1980.
- [16] PN Garay, Pump Application Desk Book. Fairmont Press, Inc, USA, 1993.
- [17] JF Douglas, Solutions of Problems in Fluid Mechanics, Part 1. Pitman Publishing (Pty) Ltd, Great Britain 1981.
- [18] JG Rimmer, GD Redford, D Titherington, *Mechanical Technology*. Macmillann and Co, London 1969.
- [19] RM Stroh, Energy Conservation with Mine Refrigeration Systems, SAIEE Joint Symposia on Electrical Tariffs and Metering and Management and Auditing of Electrical Energy, Session 4, 1992.
- [20] JW Nilsson, Electric Circuits Fourth Edition, Addison Wesley, USA, 1993.



- [21] H Wagner, J Oberholzer, *Performance criteria for mechanised mining equipment*, Transactions of Institute of Mining and Metallurgy, South Africa, 1989.
- [22] Eskom Tariffs and Charges 1999 Booklet, Eskom, Johannesburg, 1999.
- [23] JM Griffen, "Methodological Advances in Energy Modelling: 1970-1990", The Energy Journal, Vol 14, no 1, October 1991.
- [24] AL Stevens, IM MacLeod, Research Issues in Computer Aided Process Modelling and Control Systems Design, Transactions of the SAIEE, March 1991.
- [25] *The Energy Management Course: Process Modelling*, Center for New Electricity Studies, University of Pretoria, Pretoria, 1998.
- [26] Y Manichaikul and FC Schweppe, *Physically Based Industrial Electric Load*, IEEE Transactions on Power Apparatus and Systems, Vol PAS-98, July/Aug 1979.
- [27] N Godfrey, Design / Co-ordination of electrical systems in large surface mines, Australian Electrical World, Australia, August 1987.
- [28] J Meredith, Customized Control Strategies With High Performance EMCS, Energy Engineering, Vol 86, no 2, 1989.
- [29] AP Snow, *Energy Efficiency and Future Prosperity*, Eneryconomy '92 Seminar, Pretoria, South Africa, 1992.
- [30] FC Schweppe and Y Manichaikul, *Physically Based Industrial Electric Load*, IEEE Transactions on Power Apparatus and Systems, Vol PAS-98, July/Aug 1979.



- [31] JEA John, *Introduction to Fluid Mechanics*, 2nd Edition, Prentice-Hall, New Jersey, 1980.
- [32] D Titherington, GD Redford, JG Rimmer, *Mechanical Technology*. Macmillann and Co, London, 1969.
- [33] CB Jeppe, Gold Mining on the Witwatersrand, Vol II, Transvaal Chamber of Mines & Cape Times Ltd, Cape Town, 1946.
- [34] JF Douglas, Solutions of Problems in Fluid Mechanics Part 1, Pitman Publishing (Pty) Ltd, Great Britain, 1981.
- [35] A Bekker, D Klein, P Schanzlin, *Pump Handbook*. KSB Publishers, Germany, 1961.
- [36] HD Young, University Physics, 8th Edition, Addison Wesley, USA, 1992.
- [37] HC Baker-Duly, R Ramsden, JG Mackay, Water Systems Management and the Implications on Energy Use and Cost, Enerconomy Seminar, Pretoria, 1992.
- [38] GK Murray, Z Pambuka, Water Refrigeration System Efficiency, Anglogold Project Report, Welkom, 1998.
- [39] JE Giles, WO Wunderlich, Hourly Pumped-Storage Modelling with Microcomputers, Journal of Energy Engineering, Vol 117, no 1, 1991.
- [40] E Dressler, J Ferenczy, Q Olver, R.Turner, *The establishment of a South African national measuring standard for force*, South African Journal of Physics, Vol 10, 1987.
- [41] PN Garay, Pump Application Desk Book. Fairmont Press, Inc, USA, 1993.



- [42] RMK McKechnie, *The Possibilities of Energy Conservation on Mines*, Enerconomy Seminar, Pretoria, 1992.
- [43] Department of Minerals and Energy, South Africa, http://www.dme.gov.za