

REFERENCIAS

- [1] A.V. Oppenheim and R.W. Schafer, *Discrete Time Signal Processing*, New Jersey: Prentice Hall, 1989.
- [2] R.R. Treviño y J.A. de la O, "Diseño de un registrador de oscilaciones Electromecánicas," *XI Reunión de Verano de Potencia del IEEE Sección México*, Acapulco, Guerrero, México, Julio de 1998.
- [3] J.A. de la O, "Extractor de señal aperiódica en corrientes de falla," *X Reunión de Verano de Potencia del IEEE Sección México*, Acapulco, Guerrero, México, Julio de 1997.
- [4] R.R. Treviño y J.A. de la O, "Una nueva ventana para estimación espectral," *SIEEM-96*, Simposio del IEEE Sección Monterrey, Monterrey, N.L., Octubre de 1996.
- [5] J.A. de la O and R. R. Treviño, "New Window for Spectral Analysis," Conference Proceedings of the International Conference on Signal Processing Applications & Technology, ICSPAT, vol. 1, San Diego, CA, september 1997, pp 682-686.
- [6] J.A. de la O, H.J. Altuve and I. Díaz , "A new digital filter for phasor computation, Part I: Theory," *Proceedings of the 20th International Conference on Power Industry Computer Applications*, Columbus, Ohio, May 1997, pp. 78-83. Articulo No. PE-176-PWRS-16-09-1997 en *IEEE Transactions on Power Systems*.
- [7] H.J. Altuve, I. Díaz and J..A. de la O, "A new digital filter for phasor computation, Part II: Evaluation," *Proceedings of the 20th International Conference on Power Industry Computer Applications*, Columbus, Ohio, May 1997, pp. 84-89. Articulo No. PE-086-PWRS-16-09-1997 en *IEEE Transactions on Power Systems*.
- [8] A. Papoulis, *Random Variables and Stochastic Proces*. New York: Mc Graw Hill, 1991.
- [9] D.J. DeFatta, J.G. Lucas, and W.S. Hodgkiss, *Digital Signal Processing: A System Design Approach*. New York: John Wiley, 1988.
- [10] J.G. Proakis and D.G. Manolakis, *Digital Signal Processing, Principles, Algorithms, and Applications*, New Jersey, Prentice Hall, 1996.
- [11] F.J. Harris, "On the Use of Windows for Harmonic Analysis with the Discrete Fourier Transform," *Proceedings IEEE*, 66(1): January 1978.
- [12] J.G. Proakis, *Digital Communications*, McGraw Hill, 1995

- [13] R.R. Treviño y J.A. de la O, "Principios esenciales de procesamiento de señales digitales para el ingeniero electricista," *XI Reunión de Verano de Potencia del IEEE Sección México*, Acapulco, Guerrero, México, Julio de 1998.
- [14] J.G. Proakis, C.M. Rader, F. Ling and C.L. Nikias, *Advanced Digital Signal Processing*. New York: Maxwell Macmillan, 1992.
- [15] E.A. Guillemin, *Synthesis of Passive Networks*, Jhon Wiley and Sons, New York, 1957.
- [16] R.W. Daniels, *Approximation Methods for Electronic Filter Design*, McGraw Hill, New York, 1974.
- [17] H. Lam, *Analog and Digital Filters: Design and Realization*, Prentice Hall, New Jersey, 1989.
- [18] A.G. Phadke and J.S. Thorp, *Computer Relaying for Power System*, Research Study Press Ltd., Jhon Wiley & Sons Inc., 1988.
- [19] I. Diaz, *Estudio Comparativo de Algoritmos de Filtado Digital para Protección de Líneas de Transmisión*, Tesis de Maestría en Ciencias, FIME-UANL, Diciembre de 1994.
- [20] J.A. de la O y M.A. Escobar, "Red de comunicaciones para la monitorización de fallas en líneas de transmisión," *X Reunión de Verano de Potencia del IEEE Sección México*, Acapulco, Guerrero, México, Julio de 1997.
- [21] Data Acquisition Processor Hardware Manual, Analog Accelerator Series Microstar Laboratories, Inc., Version 4.2, 1993
- [22] Data Acquisition Processor DAPL Manual, Analog Accelerator Series Microstar Laboratories, Inc., Version 4.2, 1993
- [23] Data Acquisition Processor Systems Manual, Analog Accelerator Series Microstar Laboratories, Inc., Version 4.2, 1993
- [24] Data Acquisition Processor Advanced Development Toolkit Manual, Analog Accelerator Series Microstar Laboratories, Inc., Version 3.0
- [25] Data Acquisition Processor Applications Manual, Analog Accelerator Series Microstar Laboratories, Inc., Version 4.2, 1993
- [26] Library Reference, Borland C++, Version 3.1, 1992.
- [27] Microsoft C/C++ Compiler, Version 7.0, 1992.

- [28] S.H. Horowitz and A.G. Phadke, *Power System Relaying*, Research Studies Press, John Wiley and Sons, 1992.
- [29] IEEE Task Force on Instrumentation for System Dynamic Performance, "Power system disturbance monitoring: utility experiences," *IEEE Transactions on Power System*, Vol. 3, No. 1, February 1988, pp. 134-148.
- [30] "Application of fault and disturbance recording devices for protective system analysis," IEEE PSRC Special Publication no. 87TH0195-8-PWR, Jul. 1987.
- [31] P. Bornard, J.M. Tesseron, J.C. Bastide and M. Nourris, "Field experience of digital fault recorders and distance relay in EHV substations," *IEEE Transactions on Power Apparatus and Systems*, Vol. PAS-103, No. 1, January 1984.
- [32] A.R. Kemp, "Portable minicomputer modem system for collecting field data," *Proceedings of the IEEE Power Industry Computer Applications Conference*, 1977, pp. 403-406.
- [33] G. Bruschi, U. Di Caprio and V. Marchese, "Experiences of use of RIPES system for the detection of electro-mechanical disturbances in the ENEL network," CIGRE Paper No. 81 EX05, International Conference on Large High Voltage Electric Systems, Study Committee 32 Meeting in Rio De Janeiro, September 21-24, 1981.
- [34] G.O. Hensman, L. Moridge and D. Westmacott, "The CEGB's new power system disturbance monitoring equipment," Third International Conference on Sources and Effects of Power System Disturbances, May 5-7, 1982, IEE (London) Conference Publication No. 210, pp. 177-182.
- [35] T.W. Clewes, R.H.S. Hardy, L.B. McCuskee, R.P. Moffat and W.E. Norum, "A digital transient recorder for power system monitoring and analysis," *IEEE Transactions on Power Apparatus and Systems*, Vol. PAS-102, No. 7, July 1983.
- [36] Microprocessor Relays and Protection Systems, M.S. Sachdev (Coordinator), *IEEE Tutorial Course Text*, Publication No. 88EH0269-1-PWR, February 1988.
- [37] E.O. Schweitzer and Daqing Hou, "Filtering for protective relays," *19th Annual Western Protective Relay Conference*, Spokane, Washington, October 1992.
- [38] J.A. de la O, R.R. Treviño y M.A. Escobar, "Diseño de una red de registradores de disturbios eléctricos," *Memorias SOMI XIII Congreso de Instrumentación*, Ensenada, Baja California Norte, México, Octubre 1998, pp. 356-361.
- [39] IEEE Task Force on Instrumentation for System Dynamic Performance, Instrumentation for Monitoring Power System Dynamic Performance, *IEEE Transactions on Power Systems*, Vol. PWRS-2, No.1, February 1987.

- [40] C.E. Grund, G. Sweezy, J.F. Hauer, S.J. Balser and S. Nilsson, "Dynamic System Monitoring (DSM) for HVDC Modulation Control," *IEEE Transactions on Power Delivery*, Vol. 8, No. 3, July 1993.
- [41] Registrador de fallas REFA-02, Kitron. Instructivo de operación. GPI Mexicana de alta Tecnología, S.A. de C.V. Abril 1997.
- [42] Registrador de fallas BEN-5000, Boletín informativo, Electronic Instruments International, Publicación No. EN01-100-PRE200-0896.
- [43] Registrador de fallas Transcan 2000TM IED, Boletín informativo, Mehta Tech, Inc., Abril 1998.
- [44] Registrador de fallas FAXTRAX DFR, Boletín informativo, e-max Instruments Inc., Publicación No. dfrcmp.963110, Octubre 1996.
- [45] Reporte de Investigación del proyecto "Registrador de Variables Dinámicas", Programa Doctoral en Ingeniería Eléctrica, FIME, UANL, Diciembre de 1998.
- [46] J.A. de la O, "New family of windows for digital signal processing," Proceedings of the IASTED International Conference, Las Vegas, Nevada, USA, October 1998, pp. 99-103.
- [47] J.A. de la O, "New family of frequency selective digital filters," Proceedings of the International Conference on Signal Processing Applications & Technology, ICSPAT, vol. 1, Toronto, Canada, September 1998, pp 439-443.
- [48] DLP - Digital Line Protection, General Electric, GET-8037 Report.
- [49] Programa URPC, Software para el manejo de unidades remotas de GE, disponible electronicamente en el sitio <http://www.ge.com/eds/pm>.