

## REFERENCES

- [1] FLINN, EDWARD A., ENDERS A. ROBINSON, and SVEN TREITEL (Eds.): The MIT Geophysical Analysis Group (GAG) Reports, *Geophysics*, vol. 32, no. 3, 1967.
- [2] HASKELL, N. A.: The Dispersion of Surface Waves on Multilayered Media, *Bull. Seismol Soc. Am.*, vol. 43, pp. 17-34, 1953.
- [3] CLAERBOUT, JON F.: Coarse Grid Calculations of Waves in Inhomogeneous Media with Application to Delineation of Complicated Seismic Structure, *Geophysics*, vol. 35, no. 3, 1970.
- [4] CLAERBOUT, JON F.: Numerical Holography, *Acoustic Holography*, vol. 3, Plenum Press, 1971.
- [5] CLAERBOUT, JON F.: Toward a Unified Theory of Reflector Mapping, *Geophysics*, vol. 36, no. 3, 1971.
- [6] CLAERBOUT, JON F., and A. G. JOHNSON: Extrapolation of Time Dependent Waveforms along Their Path of Propagation, *Geophys. J. R. Astron. Soc.*, vol. 26, nos. 1-4, pp. 285-295, 1971.
- [7] LANDERS, T., and JON F. CLAERBOUT: Numerical Calculations of Elastic Waves in Laterally Inhomogeneous Media, *J. Geophys. Res.*, vol. 77, no. 8, pp. 1476-1482, 1972.
- [8] CLAERBOUT, JON F., and S. M. DOHERTY: Downward Continuation of Moveout Corrected Seismograms, *Geophysics*, vol. 37, no. 5, pp. 741-768, 1972.

- [9] *IEEE Trans. Audio Electrostat.*, Special Issue on fast Fourier transform, June, 1967.
- [10] WOLD, HERMAN: "Stationary Time Series," Almquist and Wiksell, Stockholm, 1938.
- [11] ROBINSON, ENDERS A.: "Random Wavelets and Cybernetic Systems," Griffin, London, 1962.
- [12] GRENANDER, ULF, and GABOR SZEGO: "Toeplitz Forms and Their Applications," University of California Press, Berkeley and Los Angeles, 1958.
- [13] LEVINSON, NORMAN: The Wiener RMS (Root Mean Square) Error Criterion in Filter Design and Prediction, Appendix B in NORBERT WIENER: "Extrapolation, Interpolation and Smoothing of Stationary Time Series," Technology Press of the Massachusetts Institute of Technology, Cambridge, 1947.
- [14] ATKINSON, F. V.: "Discrete and Continuous Boundary Problems," Academic Press, New York, 1964.
- [15] WHITTLE, P.: "Prediction and Regulation," English Universities Press, Ltd., London, 1963.
- [16] KOLMOGOROV, A.: Sur l'interpolation et l'extrapolation des suites stationnaires, *C. R. Acad. Sci. (Paris)*, vol. 208, pp. 2043-2045, 1939.
- [17] GABOR, D.: Theory of Communication, *J. IEEE*, vol. 93, no. 1, pp. 429-441, 1946.
- [18] MOSTELLER, F., and R. E. K. ROURKE: "Sturdy Statistics," Addison Wesley Publishing Co., Inc., Reading, Mass., 1973.
- [19] CLAERBOUT, J. F.: Spectral Factorization of Multiple Time Series, *Biometrika*, vol. 53, nos. 1 and 2, pp. 264-6, 1966.
- [20] SENETA, EUGENE: "Non-Negative Matrices," John Wiley and Sons, Inc., New York, 1973.
- [21] GOLUB, G.: Numerical Methods for Solving Linear Least Squares Problems, *Numerische Mathematik*, vol. 7, pp. 206-216, 1965.
- [22] SINGLETON, R. S.: Algorithm 347 Sort, *Comm. ACM*, vol. 12, 1969.
- [23] HOARE, C. A. R.: Quicksort, *Comput. J.*, vol. 5, pp. 10-15, 1962.
- [24] PLACKETT, R. L.: Studies in the History of Probability and Statistics, Chapt. XXIX, in *The Discovery of the Method of Least Squares: Biometrika*, vol. 59, no. 2, pp. 239-251, 1972.
- [25] CLAERBOUT, JON F., and FRANCIS MUIR: Robust Modeling with Erratic Data, *Geophysics*, vol. 38, no. 5, pp. 826-844, 1973.
- [26] CLAERBOUT, JON F., and E. A. ROBINSON: The Error in Least-Squares Inverse Filtering, *Geophysics*, vol. 29, no. 1, pp. 118-120, 1964.
- [27] BURG, JOHN PARKER: The Relationship Between Maximum Entropy Spectra and Maximum Likelihood Spectra, *Geophysics*, vol. 37, no. 2, pp. 375-376, 1972.
- [28] WIDROW, B., P. E. MANTEY, J. J. GRIFFITHS, and B. B. GOODE: Adaptive Antenna Systems, *Proc. IEEE*, vol. 55, pp. 2143-2159, 1967.
- [29] LEVIN, M. J.: Maximum Likelihood Array Processing, MIT Lincoln Laboratory Technical Report, 1964.
- [30] GOUPILLAUD, P.: An Approach to Inverse Filtering of Near Surface Layer Effects from Seismic Records, *Geophysics*, vol. 26, no. 6, pp. 754-760, 1961.
- [31] KUNETZ, G.: Generalization des opérateurs d'antirésonance a un nombre quelconque de réflecteurs, *Geophys. Prosp.*, vol. 12, pp. 283-289, 1964.
- [32] WHITE, J. E.: Use of Reciprocity Theorem for Computation of Low-Frequency Radiation Patterns, *Geophysics*, vol. 25, no. 3, pp. 613-624, 1960.
- [33] RICHTMYER, ROBERT D., and K. W. MORTON: "Difference Methods for Initial Value Problems," John Wiley and Sons, Inc., New York, 1967.

- [34] MITCHELL, A. R.: "Computational Methods in Partial Differential Equations," John Wiley and Sons, Inc., New York, 1969.
- [35] GOODMAN, J. W.: "Introduction to Fourier Optics," McGraw-Hill Book Company, New York, 1968.
- [36] TREITEL, SVEN, J. L. SHANKS, and C. W. FRASIER: Some Aspects of Fan Filtering, *Geophysics*, vol. 32, no. 5, pp. 789-800, 1967.
- [37] DOHERTY, STEPHEN M.: "Structure Independent Seismic Velocity Estimation," doctoral dissertation, Geophysics Department, Stanford University, Stanford, California, 1975.
- [38] RILEY, DON CLINTON: "Wave Equation Synthesis and Inversion of Diffracted Multiple Seismic Reflections," doctoral dissertation, Geophysics Department, Stanford University, Stanford, California, 1975.

## NEW REFERENCES

added January 1985

- [39] AL-SADI, H. N.: *Seismic Exploration: Technique and Processing*, Birkhouser Verlag, Basel, 1980.
- [40] AKI, K. and P. G. RICHARDS: *Quantitative Seismology*, Volume I and II, W. H. Freeman and Co., New York, 1980.
- [41] BALLY, A. W. (ed.): *Seismic Expression of Structural Styles: A Picture and Work Atlas*. AAPG Series in Geology #15, Volumes 1-3, 1983.
- [42] CERVENY, V., I. A. MOLOTKOV, and I. PSENCIK: *Ray Method in Seismology*, Univerzita Karlova, Prague, 1977.
- [43] DOHR, G.: *Applied Geophysics: Introduction to Geophysical Prospecting*, Geology of Petroleum Vol. 1, Halsted Press, New York, 1981.
- [44] GOLUB, GENE H., CHARLES F. VAN LOAN: *Matrix Computations*, Johns Hopkins University Press, Baltimore, Maryland, 1983.
- [45] KENNETT, B. L. N.: *Seismic Wave Propagation in Stratified Media*, Cambridge University Press, New York, 1983.
- [46] MENDEL, J. M.: *Optimal Seismic Deconvolution*, Academic Press, Inc., New York, 1983.
- [47] OPPENHEIM, A. V., and R. W. SCHAFER: *Digital Signal Processing*, Prentice-Hall, Inc. N.J., 1975.
- [48] ROBINSON, E. A. and M. T. SILVIA: *Digital Foundations of Time Series Analysis*, Holden Day, Inc., 1981.
- [49] ROBINSON, E. A. and SVEN TREITEL: *Geophysical Signal Analysis*, Prentice-Hall, Inc., N.J., 1980.
- [50] WATERS, K. H.: *Reflection Seismology, A Tool for Energy Resource Exploration*, Wiley-Interscience, New York, 1981.
- [51] WHITE, J. E.: *Underground Sound: Application of Seismic Waves*, Elsevier Science Publishing Co., Inc., New York, 1983.
- [52] YILMAZ, OZ and DENNIS CUMRO: *Worldwide Assortment of Seismic Field Records* (an assortment of 40 field profiles for academic use, includes a data tape) released by the Western Geophysical Company, P.O. Box 2469, Houston, Texas, 1983.
- [53] ZIOLKOWSKI, ANTON: *Deconvolution*, International Human Resource Development Corporation, Boston, 1984.