

References for Part VI

Bayless, J.W. and E.O. Brigham: Application of the Kalman Filter to Continuous Signal Restoration, *Geophysics* 35, p. 2-23, 1970.

Berkhout, A.J.: On the Minimum-Length Property of One-Sided Signals, *Geophysics* 38, p. 657-672, 1973.

Berkhout, A.J.: Related Properties of Minimum-Phase and Zero-Phase Time Functions, *Geophys. Prosp.* 22, p. 683-709, 1974.

Berkhout, A.J. and P.R. Zaanen: A Comparison between Wiener Filtering, Kalman Filtering, and Deterministic Least Squares Estimation, *Geophys. Prosp.* 24, p. 141-197, 1976.

Booton, R.C.: An Optimization Theory for Time-Varying Linear Systems with Nonstationary Statistical Inputs, MIT Meteor Report No. 72, 1951, *Proc. I.R.E.* 40, p. 977-981, 1952.

Brown, R.G. and P.Y.C. Hwang: Introduction to Random Signals and Applied Kalman Filtering, John Wiley & Sons, New York, 1997.

Chen, C.T.: Linear System Theory and Design, 3rd Ed., Oxford University Press, 1999.

Claerbout, J.F.: Digital Filters and Applications to Seismic Detection and Discrimination, PhD Thesis, Mass. Inst. of Techn., Boston, 1963.

Claerbout, J.F.: Detection of P-Waves from Weak Sources at Great Distances, *Geophysics* 29, p. 197-211, 1964.

Crump, N.D.: A Kalman Filter Approach to the Deconvolution of Seismic Signals, *Geophysics* 39, p. 1-13, 1974.

Davis, R.C.: On the Theory of Prediction of Nonstationary Stochastic Processes, *J. Appl. Phys.* 23, p. 1047-1053, 1952.

Gelb, A.: Applied Optimal Estimation, M.I.T. Press, Cambridge, 1974.

Kalman, R.E.: A New Approach to Linear Filtering and Prediction Problems, *Journal of Basic Engineering* 82 D, p. 35-45, 1960.

Kalman, R.E. and R.S. Bucy: New Results in Linear Filtering and Prediction Theory, *Journal of Basic Engineering* 83 D, p. 95-108, 1961.

- Lee, Y.W.: Statistical Theory of Communication, John Wiley and Sons, New York, 1960.
- Levinson, N.: The Wiener RMS (Root Mean Square) Error Criterion in Filter Design and Prediction, *J. Math. Phys.* 25, p. 261-278, 1946.
- Mendel, J.M.: Optimal Seismic Deconvolution - An Estimation-Based Approach, Academic Press, New York, 1983.
- Neuburger, E.: Einführung in die Theorie des linearen Optimalfilters (Kalman Filter), R. Oldenbourg Verlag, München Wien, 1972.
- Ott, N. and H.G. Meder: The Kalman Filter as a Prediction Error Filter, *Geophys. Prosp.* 20, p. 549-560, 1972.
- Robinson, E.A.: Statistical Communication and Detection with Special Reference to Digital Data Processing of Radar and Seismic Signals, Griffin, London, 1967.
- Robinson, E.A.: Multichannel Time Series Analysis with Digital Computer Programs, Holden-Day, San Francisco, 1967 a.
- Robinson, E.A. and S. Treitel: Geophysical Signal Analysis, Prentice-Hall, Inc., Englewood Cliffs, 1980.
- Schlitt, H. und F. Dittrich: Statistische Methoden der Regelungstechnik, BI-Hochschultaschenbücher 526, Mannheim, 1972.
- Schoenberger, M.: Resolution Comparison of Minimum-Phase and Zero-Phase Signals, *Geophysics* 39, p. 826-833, 1974.
- Sheriff, R.E.: Inferring Stratigraphy from Seismic Data, *AAPG Bulletin* 60, p. 528-542, 1976.
- Stewart, G.W.: Introduction to Matrix Computations, Academic Press, New York, 1973.
- Wadsworth, G.P., E.A. Robinson, J.G. Bryan, and P.M. Hurley: Detection of Reflections on Seismic Records by Linear Operators, *Geophysics* 18, p. 539-586, 1953.
- Wang, R.J. and S. Treitel: The Determination of Digital Wiener Filters by Means of Gradient Methods, *Geophysics* 38, p. 310-326, 1973.
- Weinstock, R.: Calculus of Variations, McGraw-Hill, New York, 1947.
- Wiener, N.: Extrapolation, Interpolation and Smoothing of Stationary Time Series, John Wiley and Sons, New York, 1949.

Zadeh, L. and Raggazini, J.R.: An Extension of Wiener's Theory of Prediction, J. Appl. Phys. 21, p. 645-655, 1950.

Zurmühl, R.: Matrizen und ihre technischen Anwendungen, 4. Aufl., Springer-Verlag, Berlin, Göttingen, Heidelberg, 1964.