



Geophysical Data Analysis: Discrete Inverse Theory: MATLAB Edition (International Geophysics)

By William Menke

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- MATLAB examples and problem sets
- Advanced color graphics
- Coverage of new topics, including Adjoint Methods; Inversion by Steepest Descent, Monte Carlo and Simulated Annealing methods; and Bootstrap algorithm for determining empirical confidence intervals
- Additional material on probability, including Bayesian influence, probability density function, and metropolis algorithm
- Detailed discussion of application of inverse theory to tectonic, gravitational and geomagnetic studies
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