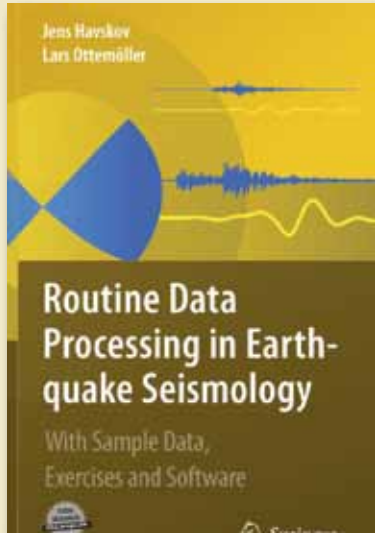


BOOK REVIEW

Routine Data Processing in Earthquake Seismology: With Sample Data, Exercises and Software



Jens Havskov and Lars Ottemöller
Published by Springer in May 2010. 380 pages

The number of seismic stations has increased rapidly over recent years leading to an even greater increase in the amount of seismic data. The increase is partly due to the general change of recording and storing of continuous data, which requires more processing and the efficient organization of the data.

The purpose of this book is to provide a practical understanding of the most common processing techniques in earthquake seismology. The book deals with manual methods and computer assisted methods.

A number of topics are covered: Earth structure and seismic phases; instruments and waveform data; signal processing; earthquake location and magnitude; focal mechanism and seismogram modelling; array processing; and network operation.

This book is intended for everyone involved in processing earthquake data, both in the observatory routine and in connection with research.

For more information please see: <http://www.springer.com/earth+sciences+and+geography/geophysics/book/978-90-481-8696-9>

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