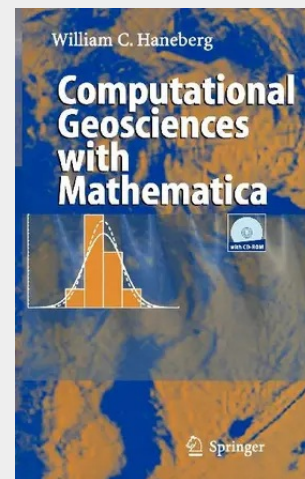


Computational Geosciences with Mathematica

Computational Geosciences with Mathematica is the only book written by a geologist specifically to show geologists and geoscientists how to use Mathematica to formulate and solve problems. It spans a broad range of geologic and mathematical topics, which are drawn from the author's extensive experience in research, consulting, and teaching. The reference and text leads readers step-by-step through geologic applications such as custom graphics programming, data input and output, linear and differential equations, linear and nonlinear regression, Monte Carlo simulation, time series and image analysis, and the visualization and analysis of geologic surfaces. It is packed with actual Mathematica output and includes boxed Computer Notes with tips and exploration suggestions.

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*Lieferfrist: bis zu 10 Tage***Artikelnummer:** 9783540402459**Medium:** Buch**ISBN:** 978-3-540-40245-9**Verlag:** Springer**Erscheinungstermin:** 20.07.2004**Sprache(n):** Englisch**Auflage:** 2004**Produktform:** Gebunden**Gewicht:** 764 g**Seiten:** 381**Format (B x H):** 160 x 241 mm