



Surveying state-of-the-art and classic practices, this book explores several distinct but interrelated approaches to high performance visualization. An introductory discussion examines why the problem of large data visualization is so difficult and addresses in depth the various challenges, advanced algorithms, processing techniques, and architectural challenges and solutions. The book also features applications and several case studies where combinations of leading-edge approaches and algorithms help solve large-scale scientific data problems using high performance computational platforms.

Chapman & Hall/CRC
Computational Science Series

High Performance Visualization

Enabling Extreme-Scale Scientific Insight

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 **CRC Press**
Taylor & Francis Group
an Informa Business
www.crcpress.com

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 **CRC Press**
Taylor & Francis Group