

Citations

From References: 0

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Tierny, Julien (F-PARIS6-IP6)

★ **Topological data analysis for scientific visualization.**

Mathematics and Visualization.

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Publisher's description: "Combining theoretical and practical aspects of topology, this book provides a comprehensive and self-contained introduction to topological methods for the analysis and visualization of scientific data.

"Theoretical concepts are presented in a thorough but intuitive manner, with numerous high-quality color illustrations. Key algorithms for the computation and simplification of topological data representations are described in details, and their application is carefully illustrated in a chapter dedicated to concrete use cases.

"With its fine balance between theory and practice, *Topological Data Analysis for Scientific Visualization* constitutes an appealing introduction to the increasingly important topic of topological data analysis, for lecturers, students and researchers."

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