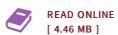




Heterogeneous Objects Modelling and Applications: Collection of Papers on Foundations and Practice

By -

Springer. Paperback. Condition: New. 285 pages. Dimensions: 9.3in. x 5.9in. x 0.7in.Heterogeneous object modelling is a new and quickly developing research area. This book isone of the first attempts to systematically cover the most relevant themes and problems of this new and challenging subject area. It is a collection of invited papers and papers co-authored by the editors. Each chapter presents either new research results or a survey on the following topics: Formal models and abstractions of heterogeneous objects including geometric, topological, discrete and continuous models, operations forming special algebras and conversions between different model types. Data structures and algorithms for representing, modifying and computing with heterogeneous objects. Computational techniques for the design, reconstruction, optimization, analysis and simulation of heterogeneous objects that incorporate information on shape, material and physical behavior using a common framework. Applications of heterogeneous object modelling in engineering and scientific areas, including geophysical, biomedical, artistic and multi-material fabrication applications. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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