

Normal Partitions and Hierarchical Fillings of N-Dimensional Spaces

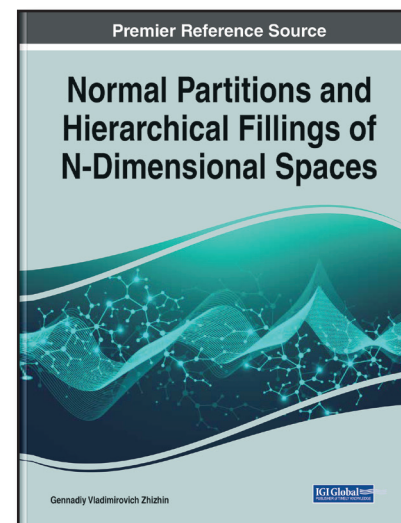
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Description:

Normal Partitions and Hierarchical Fillings of N-Dimensional Spaces

aims to consider the construction of spaces of various dimensions from two to any finite dimension n , taking into account the indicated conditions, including zooming in on shapes, properties of geometric figures of higher dimensions, which have no analogue in three-dimensional space. This book considers the conditions of existence of polytopes of higher dimension, clusters of chemical compounds as polytopes of the highest dimension, higher dimensions in the theory of heredity, the geometric structure of the product of polytopes, the products of polytopes on clusters and molecules, parallelhedron and stereohedron of Delaunay, parallelhedron of higher dimension and partition of n -dimensional spaces, hierarchical filling of n -dimensional spaces, joint normal partitions, and hierarchical fillings of n -dimensional spaces. In addition, it pays considerable attention to biological problems. This book is a valuable reference tool for practitioners, stakeholders, researchers, academicians, and students who are interested in learning more about the latest research on normal partitions and hierarchical fillings of n -dimensional spaces.



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