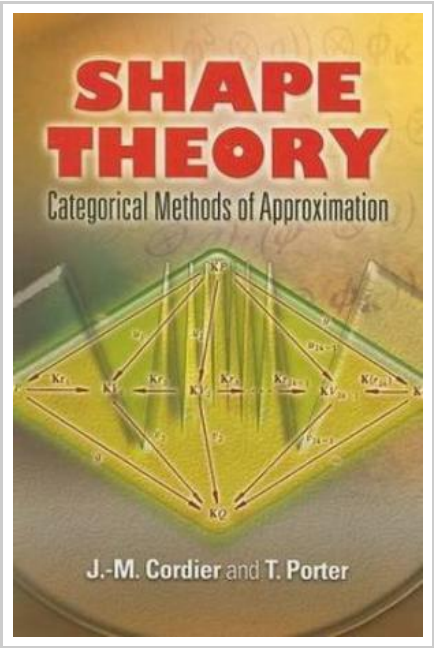

Shape Theory Categorical Methods of Approximation Dover Books on Mathematics

By Mathematics

Dover Publications. Paperback. Book Condition: New. Paperback. 208 pages. Dimensions: 9.2in. x 6.1in. x 0.5in.This in-depth treatment uses shape theory as a case study to illustrate situations common to many areas of mathematics, including the use of archetypal models as a basis for systems of approximations. It offers students a unified and consolidated presentation of extensive research from category theory, shape theory, and the study of topological algebras. A short introduction to geometric shape explains specifics of the construction of the shape category and relates it to an abstract definition of shape theory. Upon returning to the geometric base, the text considers simplical complexes and numerable covers, in addition to Moritas form of shape theory. Subsequent chapters explore Bnabous theory of distributors, the theory of exact squares, Kan extensions, the notion of a stable object, and stability in an Abelian context. The text concludes with a brief description of derived functors of the limit functor theorythe concept that leads to movability and strong movability of systemsand illustrations of the equivalence of strong movability and stability in many contexts. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

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