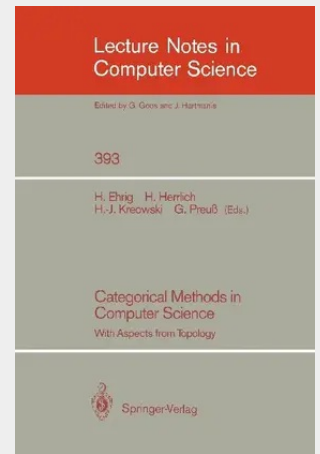


Categorical Methods in Computer Science

With Aspects from Topology

This volume contains selected papers of the International Workshop on "Categorical Methods in Computer Science - with Aspects from Topology" and of the "6th International Data Type Workshop" held in August/September 1988 in Berlin. The 23 papers of this volume are grouped into three parts: *Part 1* includes papers on categorical foundations and fundamental concepts from category theory in computer science. *Part 2* presents applications of categorical methods to algebraic specification languages and techniques, data types, data bases, programming, and process specifications. *Part 3* comprises papers on categorial aspects from topology which mainly concentrate on special adjoint situations like cartesian closeness, Galois connections, reflections, and coreflections which are of growing interest in categorical topology and computer science.

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