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Preface

Key features of category theory are its ability to draw precise and often unexpected bridges among different areas of computer science and mathematics, and to provide a few generic principles for organizing mathematical theories.

The papers of this volume were presented at the seventh meeting of the Biennial Conference on Category Theory and Computer Science held in S. Margherita Ligure, 4-6 September 1997. They address issues in: reasoning principles for types, rewriting, semantics, and structuring of logical systems. The conference programme had four invited speakers: John Baez, Richard Bird, Barry Jay, and Gordon Plotkin. Some of them have kindly contributed to this volume with introductory and overview papers related to their talks. Proceedings of previous meetings are also published in this series (Volumes 240, 283, 389, 530, and 953).

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Genova, June 1997

Eugenio Moggi
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