

EDITORIAL FOREWORD

This collection of papers covers some of the subjects presented at the 1990 MATH/CHEM/COMP Conference. This conference, the fifth in a continuing series of conferences devoted to the interplay of mathematics, chemistry and computer science, was held in Dubrovnik, Yugoslavia, June 25–30, 1990, and was organized jointly by the University of Zagreb, Zagreb, Croatia, Yugoslavia and the Florida State University, Tallahassee, Florida, USA.

The topics cover a wide range of mathematical chemistry and various applications, from pure and applied discrete mathematics and three-dimensional topological molecular descriptors to fundamental mathematical problems of molecular quantum mechanics, applied molecular mechanics, as well as some of the chemically relevant problems of statistical physics and kinetics. Reflecting the scope and emphasis of the conference, many of the subjects covered are likely to be of special interest to mathematical chemists involved in applications and computer algorithms.

It is the hope of the Guest Editors and the Editors that this collection of papers will be able to convey to our readers the stimulating atmosphere of the meeting and call their attention to some of the newest and most rapidly developing directions of mathematical chemistry.

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