

## Preface

This special issue reflects the activities at the International Symposium on “Chaos and Order in Chemistry” which was held from March 17 to 20, 2000, at Shinkoukaido in Nara City, Japan.

The purpose of this conference was discussing “Chaos and Order in Chemistry” from both fundamental and practical viewpoints, and presenting to the recent results of this field in order to find their relationship with our daily life. During the past few decades, “chaos and order” have attracted more and more attention, since studies on “simple” chemical models which mimic the nonlinear dynamics of living organisms are quite important clues to better understanding of “complex” self-oscillatory phenomena. Control and creation of “chaos and order” provided novel approaches to not only understanding how microscopic chemical reactions evolve into macroscopic cooperative phenomena but also developing new functions of chemical compounds. In addition, topics on molecular self-assembly and self-organization was discussed. Extensive discussion and exchange of views of participants will contribute to widening horizons of nonlinear dynamic phenomena. 150 researchers including 20 invited foreign researchers participated and contributed to this conference. All contributions appearing in this issue were submitted on the basis of recommendations of a reviewer.

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