

Preface

The first Tohwa University Statistical Physics Meeting was held at the Minerva Hall, Tohwa University, Fukuoka, in November 7-10, 1995. This was organized and sponsored by Tohwa University and Tohwa Institute for Science. 141 participants including 25 guests from four neighboring countries, such as Australia, Hong Kong, Korea and Taiwan, have attended at the meeting. 103 papers were reported on the four topics in experimental, theoretical and computational fields; (I) Cross-disciplinary physics, (II) Chaos, (III) Complex fluids and (IV) Structures and patterns.

Statistical Physics is one of fundamental branches of modern theoretical physics. It gives an useful tool to construct a rainbow bridge from a microscopic world to a macroscopic world. Within the last forty years, most of extensive applications have been made successfully in wide variety of fields, such as physics, chemistry, chemical engineering, material science, biology and computer science, where many new concepts and methods have been developed. The main purpose of this meeting was to provide such an opportunity that young scientists of neighboring countries working on topics related to Statistical Physics gather together, and thus to foster many-body interactions among them. In fact, I believe that the meeting was successful to develop communications between scientists of five countries and also to exchange scientific thought and experiences with them, reviewing what has been achieved recently in various fields to which Statistical Physics is applied.

On behalf of the organizing committee I would like to express my sincere gratitude to Dr. Toshinami Fukuda, President of Tohwa University, carrying the financial burden and providing the conference rooms and facilities.

Last but not least, I wish to thank Mayumi Araki, Kiyosi Moriyama, and all the other staff of Tohwa University for their kind help.

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Michio Tokuyama