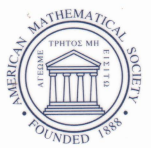
CONTEMPORARY MATHEMATICS

325

Combinatorial and Geometric Representation Theory

An International Conference on
Combinatorial and Geometric Representation Theory
October 22–26, 2001
Seoul National University, Seoul, Korea

Seok-Jin Kang
Kyu-Hwan Lee
Editors



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This volume represents the proceedings of an international conference on Combinatorial and Geometric Representation Theory that was held at Seoul National University, Seoul, Korea, from October 22–26, 2001.

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Preface

This volume is the refereed proceedings of the international conference on "Combinatorial and Geometric Representation Theory" that was held at Seoul National University, Seoul, Korea, from October 22nd to October 26th, 2001.

In the area of representation theory, a wide variety of mathematical ideas has been combined together to provide new insights into the field, powerful methods of understanding the theory, and various applications to other branches of mathematics. Over the past two decades, there have been remarkable developments in representation theory based on combinatorial and geometric approaches.

The theme of this conference was to bring together various ideas from combinatorial and geometric aspects of representation theory and discuss the recent developments in this active field of research. We hope this conference served as a good opportunity to understand strong connections between combinatorics, geometry and representation theory.

We are very grateful to all the invited speakers and participants for their excellent lectures, contributed papers and great enthusiasm. We would also like to thank graduate students of Seoul National University for their assistance during the conference. Special thanks should be given to Professors Young-Hyun Cho, Myung-Hwan Kim and In-Sok Lee who served as members of the organizing committee of this conference.

This conference was supported by KOSEF Grant 98-0701-01-5-L. We greatly appreciate their financial and moral support. Finally, we would like to express our gratitude to all the referees for their invaluable help with the contributed papers.

Seok-Jin Kang
Kyu-Hwan Lee
Editors

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This volume presents the proceedings of the international conference on Combinatorial and Geometric Representation Theory. In the field of representation theory, a wide variety of mathematical ideas are providing new insights, giving powerful methods for understanding the theory, and presenting various applications to other branches of mathematics. Over the past two decades, there have been remarkable developments. This book explains the strong connections between combinatorics, geometry, and representation theory. It is suitable for graduate students and researchers interested in representation theory.

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