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Editors

Supersymmetry in Mathematics and Physics

UCLA Los Angeles, USA 2010

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Preface

The articles in this collection have grown out of the talks given at a 2-day workshop on supersymmetry held at UCLA in February 2010. The main theme of the Conference was supersymmetry in mathematics and physics. More precisely, the talks at the conference were dedicated to supersymmetry as a connecting theme between geometry, group theory, and fundamental physics. In addition to the speakers there were a few posters displayed in a poster session whose contents are also presented here.

In an introduction to this volume a brief survey of supersymmetry and its many applications as developed in the articles of this volume is given. So we limit ourselves to thanking the various people and organizations that have helped us and made the workshop and this volume possible.

First and foremost we thank the Department of Mathematics at UCLA for providing all kinds of help and support, organizational, technical, and personal, for the conference. To Chair Professor Sorin Popa and Chief administrative person Judith Levin goes our gratitude. We would like to thank Babette Dalton who took care of all the details of the conference; without her wholehearted cooperation and tireless work the workshop could not have been arranged. We thank Jacquie Bauwens for help during the 2 days of the workshop. We are also grateful to the participants, whose lively interest and interactions with one another made the workshop a great success. Last but not least, we thank profusely the people at Springer who were most forthcoming with their advice, technical and personal, as well as their cooperation, during the preparation of this volume.

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Finally, we thank the participants who provided us with the actual articles and who responded to all our requests, large and small, with infinite patience and courtesy.

Sergio Ferrara
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V.S. Varadarajan

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