



FOREWORD

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It is a pleasure to present this Special Issue of the Indian Journal of Pure and Applied Mathematics, released in celebration of the 90th anniversary of the Indian National Science Academy (INSA). This issue marks a milestone in INSA's long-standing tradition of fostering research and excellence in the mathematical sciences.

The contributions in this issue reflect the innovative spirit and analytical depth that characterise contemporary mathematics in India. They provide insightful perspectives across diverse areas in the mathematical sciences. Each article has been prepared to engage both emerging researchers and seasoned scholars, offering clear expositions of recent developments as well as thought-provoking directions for further study.

The articles collectively highlight the strength, creativity, and collaborative nature of mathematical research in India, showcasing the significant role of Indian mathematicians on the international stage. The rigorous analyses, surveys of active research areas, and exploration of open problems contained in this issue will serve as a valuable resource for readers seeking both inspiration and guidance.

On behalf of INSA, I extend my sincere appreciation to the editors, authors, and reviewers whose dedication and scholarly contributions have made this special issue possible. I hope that this special issue will not only commemorate INSA's 90 years of scientific achievement but also encourage continued excellence and innovation in mathematical research.

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