

Preface

Special issue: The 25th anniversary of the East Asia Section of the Society for Industrial and Applied Mathematics (EASIAM)

This special issue marks the 25th anniversary of the East Asia Section of SIAM (EASIAM), a testament to its enduring commitment to advancing applied mathematics and its applications in East and Southeast Asia. Established in 1998, EASIAM now has members from 12 countries/regions, and has achieved remarkable successes in fostering collaboration and education through conferences, workshops, seminars, publications, student awards and other activities, leading to significant contributions in diverse areas of applied mathematics and applications in science, engineering, industry, and society. We express our deepest gratitude to all members and friends who have contributed to these successes of EASIAM.

EASIAM remains dedicated to promoting industrial and applied mathematics and envisions a future where it plays a vital role in addressing societal challenges and advancing scientific frontiers. By fostering collaboration, nurturing young talent, and embracing new technologies such as AI, EASIAM will continue shaping the future of applied mathematics in the region.

The East Asian Journal on Applied Mathematics (EAJAM) serves as a premier platform for disseminating high-quality research in applied mathematics and related fields, aligning perfectly with EASIAM's mission and vision. With a focus on novel applications of mathematics in real-world situations, EAJAM publishes original research and survey articles that contribute to the advancement of the field. This special issue, dedicated to the 25th anniversary of EASIAM, exemplifies EAJAM's commitment to fostering excellence in applied mathematics research and promoting collaboration within and beyond the East Asian community.

Finally, we would like to thank all authors and referees for their contributions to make this special issue possible.

Special Issue Editors:

Yang Xiang, President of EASIAM

Zhijian Jerry Yang, Former President of EASIAM

Tao Zhou, Vice President of EASIAM and Editor-in-Chief of EAJAM