

PREFACE

The present issue is the 14th volume of the Josai Mathematical Monographs (JMM). JMM is founded by the Graduate School of Science of Josai University (GSSJU), and appears yearly. JMM aims at formal as well as informal information on developments in mathematical research by the faculty of mathematics in GSSJU and others.

This issue consists of six refereed academic papers addressing topics on inverse problem. Some of the authors gave a talk related to their paper at JMM Workshop on Inverse Problem Seminar from Theory to Application –Finland-Japan Seminar for Inverse Problem– which was held at the Tokyo Kioicho Campus of Josai University (JU) on January 27-28 in 2025. The editors sincerely thank the authors for submitting excellent papers and giving interesting talks at the workshop and hope that this issue will provide the reader with a good view of the present status of inverse problem.

The editors wish that the publication of the Josai Mathematical Monographs will be more fruitful in the future. The papers in some previous volumes of JMM are available at the website of Mizuta memorial library: http://libir.josai.ac.jp/il/meta_pub/G0000284repository.

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Takanori Ide (Editor in Chief)