SUT JOURNAL OF MATHEMATICS

EDITORS

Hiroki Hashiguchi Masahito Ohta Emiko Ishiwata Akifumi Sako Hiroyuki Ito Katsunori Sanada Hiroshi Kaneko Keiichi Kato

Hiroshi Sekigawa Masanari Kida (Editor-in-Chief)

Takashi Seo Naoyuki Koike Naoko Kunugi Makiko Tanaka Keiko Kotani Sadao Tomizawa Kazuko Matsumoto Takuya Matsuzaki Taeko Yamazaki Nobuko Miyamoto Masahiro Yanagida Tomomi Yokota

https://www.rs.tus.ac.jp/sutjmath/

SUT JOURNAL OF MATHEMATICS (TRU Mathematics for Volume 1, 1965 to Volume 24, 1988) is devoted entirely to researches in pure and applied mathematics. It is published by Tokyo University of Science (formerly Science University of Tokyo), Tokyo, Japan. The journal will be published in one volume of two issues an academic year.

SUBMISSION OF MANUSCRIPTS. The authors should submit the manuscript in its printed form to the Editor-in-Chief as an attached pdf file in an email with subject "submit" to sutjmath@rs.tus.ac.jp.

All final manuscripts accepted by the Editorial Committee through refereeing will be photo-printed, and so the manuscripts should be carefully prepared.

As a general rule, the manuscripts should be prepared by using LATEX macro package. The instruction for LATEX users is accessible from the home page of SUT Journal of Mathematics:

https://www.rs.tus.ac.jp/sutjmath/preparation.html

(continued on inside back cover)

SUBMISSION OF MANUSCRIPT AND EDITORIAL CORRESPONDENCES should be addressed to:

Editor-in-Chief SUT Journal of Mathematics, Tokyo University of Science E-mail: sutjmath@rs.tus.ac.jp

This journal was typeset by \LaTeX .