

Instructions for Authors

1. Manuscripts should be produced by using typewriters or word-processors in double-spacing on one side of A4 size (210 × 297mm) good quality white paper, with wide margins.
2. Manuscripts may be submitted in duplicate to the Managing Editor or one of the Editors whose work, in the opinion of the author, is most closely related to the topic of the paper. Manuscripts will not be returned to the author in principle. A separate sheet containing the title of the paper, the mailing address of the author, and the running title (condensed title) should be attached.
3. Manuscripts should be written in English, and should contain (i) title, (ii) name(s) of the author(s), (iii) abstract; 1991 Mathematics Subject Classification Numbers (see the 1990 or later MR Annual Subject Index); key words and phrases, (iv) body of the paper, (v) references, and (vi) affiliations and addresses, in this order. For symbols and style conventions, authors should consult current issues of the Journal.
4. The address of the Editors:

Hiroshima Mathematical Journal
Department of Mathematics
Faculty of Science
Hiroshima University
Higashi-Hiroshima 739, Japan

Tel 0824-24-7350

Fax 0824-24-0710

CONTENTS

| | PAGE |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| M. NAKAMURA: On absolutely continuous invariant measures with respect to Hausdorff measures on self-similar sets..... | 1 |
| Y. WATAMORI: Statistical inference of Langevin distribution for directional data | 25 |
| F. NURAY: On some new sequence spaces | 75 |
| P. DRÁBEK and F. NICOLSI: Solvability of degenerate elliptic problems of higher order via Leray-Lions theorem | 79 |
| Y. WATAMORI and O. KAKIMIZU: On a geometric approach to distributions on a circle | 91 |
| K. KUMAHARA: On a function space related to the Hardy-Littlewood inequality for Riemannian symmetric spaces | 103 |
| E. BALLICO and C. KEEM: On plane curves with several singular points with high multiplicity | 117 |
| M. MEDVEĎ: A class of vector fields on manifolds containing second order ODEs | 127 |
| M. EGUCHI, S. KOIZUMI, M. MIYAMOTO and R. WADA: The explicit expression of the Harish-Chandra C -function of $SU(n, 1)$ associated to the fundamental representations of K | 151 |
| Y. OKUMURA: Global real analytic length parameters for Teichmüller spaces | 165 |
| M. IMAOKA: Generalized Bernoulli numbers on the KO -theory | 181 |
| T. YOSHIDA: The polynomials on w_1, w_2 and w_3 in the universal Wu classes | 189 |
| M. HAMADA, H. KANNO, K. OGURA, K. OKAMOTO and Y. TOGOSHI: The fundamental representation of the affine Lie algebra $A_{n-1}^{(1)}$ and the Feynman path integral | 209 |