

TÔHOKU MATHEMATICAL JOURNAL

東北數學雜誌

THE SCIENCE REPORTS OF THE TÔHOKU
UNIVERSITY, SIXTH SERIES

(FOUNDED BY T. HAYASHI)

EDITED BY

SHIN-ICHI IZUMI – SHIGEO SASAKI – TADAO TANNAKA

WITH THE CO-OPERATION OF THE
MATHEMATICAL INSTITUTE OF TÔHOKU UNIVERSITY

AND

HITOSHI HOMBU

MASUO HUKUHARA

TOSIO KITAGAWA

KINJIRÔ KUNUGUI

KENJIRÔ SHODA

KÔSAKU YOSIDA

SECOND SERIES, VOL. 2

1950~1951



PRINTED BY

SASAKI PUBLISHING & PRINTING CO., LTD.

SENDAI JAPAN

CÔTENTS

Volume 2, 1950-1951

Gotô, M. and Nomizu, K., On the group of automorphisms of a topological group	47
Hanai, S., On the methods of summation of infinite series	64
Ichinohe, A., Sur la possibilité de plonger un espace à connexion conforme donné dans un espace conforme.....	193
Izumi, S., Notes on Fourier Analysis (XXVI): Some negative examples in the theory of Fourier series	74
Kuranishi, M., On non-connected maximally almost periodic groups	40
Kurita, M., On a certain motion in the Euclidean space	275
Matsuyama, N., Notes on Fourier Analysis (XXV): On the C -summability of the Fourier series	51
Matsuyama, N., Notes on Fourier Analysis (XXVII): On the convergence factor of the Fourier series at a point	126
Miyazaki, H., On the Klein's geometry	286
Mutô, Y., Some properties of a Riemannian space admitting a simply transitive group of transformations	205
Nakamura, M., Notes on Banach space (XI): Banach Lattices with positive bases.....	135
Nakamura, M., Notes on Banach space (XII): A remark on a theorem of Gelfand and Neumark.....	182
Nakano, H., Hilbert algebras.....	4
Nomizu, K. and Gotô, M., On the group of automorphisms of a topological group	47
Ôtsuki, T., On the spaces with normal conformal connexions and some imbedding problem of Riemannian spaces, II	220
Tachibana, S., On pseudo-parallelism in Einstein spaces.....	214
Tashiro, Y., Sur la dérivée de LIE de l'être géométrique et son groupe d'invariance	166
Tsuchikura, T., Notes on Fourier Analysis (XXIV): Lipschitz condition of partial sums of Fourier series	24
Tsuchikura, T., On some divergence problems.....	30
Tsuchikura, T., On the functions $C_i(x, y)$ and $S_i(x, y)$	68
Tsuchikura, T., Arithmetic means of subsequences	188

Tsuji, M., On Borel's directions of meromorphic functions of finite order	97
Tsuji, M., Beuling's theorem on exceptional sets	113
Tsuji, M., On positive definite sequences and functions	142
Umegaki, H., On the uniform space	57
Umegaki, H., Compact set in uniform space and functions spaces.....	292
Yano, S., Notes on Fourier Analysis (XIX): A remark on Rie- mann sums	1

CONTENTS

	Page
Ichinohe, A.: Sur la Possibilité de Plonger un Espace à Connexion Conforme donné dans un Espace Conforme	193
Mutô, Y.: Some Properties of a Riemannian Space Admitting a Simply Transitive Group of Translations	205
Tachibana, S.: On Pseudo-Parallelism in Einstein Spaces	214
Otsuki, T.: On the Spaces with Normal Conformal Connexions and some Imbedding Problem of Riamannian Spaces, II	220
Kurita, M.: On a Certain Motion in the Euclidean Space	275
Miyazaki, H.: On the Klein's Geometry	286
Umegaki, H.: Compact Set in Uniform Space and Functions Spaces...	292