

TÔHOKU MATHEMATICAL JOURNAL

東北數學雜誌

THE SCIENCE REPORTS OF THE TÔHOKU
UNIVERSITY, SIXTH SERIES

(FOUNDED BY T. HAYASHI)

EDITED BY

MASANORI FUKAMIYA SHIGEO SASAKI
GEN-ICHIRO SUNOUCHI TADAO TANNAKA

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

AND

YASUO AKIZUKI HITOSHI HOMBU
SHIN-ICHI IZUMI YUKIYOSI KAWADA
ATUO KOMATU KIYOSHI NOSHIRO
KÔSAKU YOSIDA

SECOND SERIES VOL. 8,

1956

THE TÔHOKU UNIVERSITY
SENDAI, JAPAN

CONTENTS

Volume 8, 1956

	Page
ARENS, R., Cauchy integral for functions of several variables	268
FINE, N. J., On a system of modular functions connected with the Ramanujan identities	149
FLETT, T. M., On a theorem of Lindelöf concerning prime ends	273
FUNAYAMA, N., Imbedding partly ordered sets into infinitely distributive complete lattices	54
GUGGENHEIMER, H., Opérateurs différentiels et suites exactes sur une variété kählérienne	308
IKOMA, K., On Ahlfors' discs theorem and its application	101
ISHIHARA, S., Correction: Fibred Riemannian spaces with isometric parallel fibres, This Journal Vol. 6	333
IWATA, K., Note on Postnikov invariants of a loop space	329
IZUMI, S. and MOHANTY, R., On the absolute logarithmic summability of Fourier series of order one	201
KANNO, K., On the Riesz summability of Fourier series	223
KANNO, T., On the representations of Lie algebras.....	46
KASHIWABARA, S., On the reducibility of an affinely connected manifold	13
KOBAYASHI, S., Principal fibre bundles with the 1-dimensional toroidal group	29
KOIZUMI, S., Corrections and remark on the paper "On integral inequalities and certain of its applications to Fourier series" This Journal Vol. 7.....	235
MATSUMOTO, K., Local property of the summability $ R, \lambda_n, 1 $	114
MATSUMOTO, K., On absolute Cesàro summability of a series related to a Fourier series.....	205
McMILLIN, K. M., Abel summability of the double series successively derived from the double Fourier series	183
MISONOU, Y., On divisors of factors	63
MIYADERA, I., On the representation theorem by the Laplace transformation of vector-valued functions	170
MOHANTY, R. and IZUMI, S., On the absolute logarithmic summability of Fourier series of order one	201
NASU, Y., On angular measure in a metric space	1
PARKER, R. V., Stirling's numbers as polynomials	181
RAHMAN, Q. I., On the maximum modulus and the coefficients of an entire Dirichlet series	108
RAHMAN, Q. I., On entire functions of infinite order	165
SAKAI, S., The absolute value of W^* -algebras of finite type	70
SUNOUCHI, G., Theorems on power series of the class H^p	125

SUNOUCHI, G., Errata "Cesàro summability of Fourier series" This Journal, Vol. 5	147
SUNOUCHI, H., Infinite Lie rings	291
TAKAHASHI, K., Ein system von linearen homogenen Differen- tialgleichungen welche auf zwei Parametern abhängen	258
TAKAHASHI, S., On some random Riemann-sums	245
TSUCHIKURA, T., Some theorems on Fourier series	188
TURUMARU, T., On the direct product of operator algebras IV	281
UMEGAKI, H., Conditional expectation in an operator algebra, II	86
WADA, T., Note on a theorem of Hilton	324
WATARI, C., A generalization of Haar functions	286
YEN, T., Isomorphism of unitary groups in AW^* -algebras	275

CONTENTS

	Page
S. Takahashi, On some random Riemann-sums	245
K. Takahashi, Ein System von linearen homogenen Differential- gleichungen, welche auf zwei Parametern abhängen.....	258
R. Arens, Cauchy integral for functions of several variables	268
T. M. Flett, On a theorem of Lindelöf concerning prime ends	273
T. Yen, Isomorphism of unitary groups in AW^* -algebras	275
T. Turumaru, On the direct product of operator algebras IV	281
C. Watari, A generalization of Haar functions	286
H. Sunouchi, Infinite Lie rings	291
H. Guggenheimer, Opérateurs différentiels et suites exactes sur une variété kählérienne	308
T. Wada, Note on a theorem of Hilton	324
K. Iwata, Note on Postnikov invariants of a loop space	329
S. Ishihara, Correction: Fibred Riemannian spaces with isometric parallel fibres, This Journal Vol. 6	333