

JOURNAL OF SCIENCE
OF THE
HIROSIMA UNIVERSITY
SERIES A
(*MATHEMATICS, PHYSICS, CHEMISTRY*)

Volume 7
Vol. 7
1937

Published by the
HIROSIMA UNIVERSITY
HIROSIMA, JAPAN

TABLE OF CONTENTS

VOLUME 7, 1937

Mathematics

	PAGE
MAEDA, F., Indices of the Orthogonal Systems in the Non-Separable Hilbert Space	103
MAEDA, F., Mathematical Foundations of Quantum Mechanics	191
MAEDA, F. and OGASAWARA, T., Domains of Representatives of Linear Operators	1
MORI, S. und DODO, T., Bedingungen für ganze Abgeschlossenheit in Integritätsbereichen	15
MORI, S. und DODO, T., Bemerkungen zur Zerlegung der Hauptideale	131
MORINAGA, K., Parallel Displacements in abstract Space.	29
OGASAWARA, T., Differential Set Functions	215
OKA, K., Sur les fonctions analytiques de plusieurs variables. II-Domains d'holomorphie	115
TODA, K., On the Location of the Roots of Linear Combinations of some Polynomials	141

Physics

FUJIWARA, T., Fine Structure of the Laue X-ray Pattern obtained by the Method of Convergent X-rays	179
FUJIWARA, T., Effect of Stress on the X-ray Spectral Line obtained with a Single Crystal Wire of Tungsten by using the Method of Convergent X-Rays.	315
HOSOKAWA, T., Conformal Wave Geometry	63
HUDITA, T., Recrystallization of Bent Drawn Aluminium Wire	323
IWATSUKI, T., MIMURA, Y. and MORINAGA, K., Electromagnetism in Wave Geometry	255
MASAKI, O. and MORITA, T., Classification of the Near Infra-Red Spectrum of Mercury, Part II.	305
MIMURA, Y., Geometrization of the Law of Physics.	81
MIMURA, Y. and HOSOKAWA, T., Physics and Geometry	249
MIMURA, Y. and IWATSUKI, T., A New Foundation of Atomic Structure.	259
MORINAGA, K., Wave Geometry including Schwarzschild's and de Sitter's solution.	49
MORINAGA, K., On general Parallel Displacement which makes $ds\psi=0$ invariant.	169
MORINAGA, K., Geometrical Interpretations of Wave Geometry.	173
MORINAGA, K., The Hydrogen Atom in Terms of Wave Geometry.	263
MORINAGA, K. and SIBATA, T., On Spin Transformations.	73
SIBATA, T., Geometry in Spin-Space	151
TAKENO, H., Projective Wave Geometry and de Sitter's Space.	39