

# PROCEEDINGS OF THE JAPAN ACADEMY

---

## SERIES A MATHEMATICAL SCIENCES

---

### CONTENTS

#### Papers Communicated:—

	Page
K. TACHIZAWA: Some Estimates for Eigenvalues of Schrödinger Operators . . . . .	85
T. DOMENIG and M. NAGASAWA: A Skorokhod Problem with Singular Drift and its Application to the Origin of Universes . . . . .	88
S. NAITO: Kazhdan-Lusztig Type Multiplicity Formula for Symmetrizable General- ized Kac-Moody Algebras . . . . .	94
K. NISHIZAWA and A. NOJIRI: Algebraic Geometry of Center Curves in the Moduli Space of the Cubic Maps . . . . .	99
K. NAGAO and T. KOUYA: An Example of Elliptic Curve over $Q$ with Rank $\geq 21$ . . . .	104
T. ONO: Triangles and Elliptic Curves . . . . .	106
A. FUJII: On a Conjecture of Shanks . . . . .	109
S. NAGAOKA: On Hermitian Eisenstein Series . . . . .	115
Proceedings at the 878th General Meeting . . . . .	VII