



MEMOIRS OF
THE FACULTY OF SCIENCE
KYOTO UNIVERSITY

SERIES OF
PHYSICS, ASTROPHYSICS,
GEOPHYSICS AND CHEMISTRY

Formerly
Memoirs of the College of Science
University of Kyoto
Series A

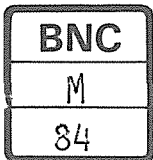


VOL. XXXVI, NO. 2

March, 1983



KYOTO



京大附図

CONTENTS

Properties of Double Gelfand Polynomials and Their Applications to Multiplicity-Free Problems <i>By Y. Fujiwara and H. Horiuchi</i>	197
A Balloon-Borne Far-infrared Telescope with a New Azimuth Stabilization System <i>By N. Hiromoto, T. Maihara, N. Oda, H. Okuda and H. Shibai</i>	281
An Autoguider System for the 40 cm Schmidt Telescope <i>By H. Ohtani, T. Ichikawa, T. Sasaki, K. Saito and T. Tsujimura</i>	291
Systematic Study on the Elastic Scattering of 65 MeV Polarized Protons <i>By H. Sakaguchi</i>	305
Hypersensitization of Kodak IIIa-J Plates by Baking in Forming Gas <i>By T. Sasaki</i>	343
Near-Infrared Source counts in the Galactic Plane II. A List of Near-Infrared Sources <i>By K. Kawara, T. Kozasa and S. Sato</i>	353