

VOLUME 16

NUMBERS 83/84

JOURNAL
OF THE
RADIO RESEARCH LABORATORIES

JANUARY/MARCH 1969

CONTENTS

| | | |
|------|--|----|
| I. | Observations of the Ionospheric Absorption at Oblique Incidence during the IQSY <i>By N. Wakai, C. Ouchi, C. Nemoto, T. Kogaku, and Y. Echizenya</i> | 1 |
| II. | Some Characteristics of the <i>Es</i> Layer in Japan <i>By T. Koizumi</i> | 17 |
| III. | Eigenvalues of Spheroidal Wave Functions and Their Branch Points for Complex Values of Propagation Constants <i>By T. Oguchi</i> | 51 |
| IV. | A Mass Spectrometer on the Ionosphere Sounding Satellite and Its Calibrations (I) <i>By N. Fugono, K. Aikyo, R. Utagawa, and T. Suitsu</i> | 67 |
| V. | Formant Frequency Extraction using Inverse Filtering and Moment Calculation and Its Evaluation by Synthesized Speech <i>By M. Nakatsui and J. Suzuki</i> | 77 |
| VI. | [Short Note] Method of Observation of Glottal Source Wave using Digital Inverse Filtering in Time Domain <i>By M. Nakatsui and J. Suzuki</i> | 95 |

RADIO RESEARCH LABORATORIES
MINISTRY OF POSTS AND TELECOMMUNICATIONS
TOKYO, JAPAN