

VOLUME 19

NUMBERS 100 1972

JOURNAL
OF THE
RADIO RESEARCH LABORATORIES

CONTENTS

- I. The Standard Electron Density Profile of the *F*₂-Layer at Noon
.....By *T. Yonezawa* (109)
- II. Nighttime Electron Density in the *E* Region at Auroral Latitudes
in Sunspot Maximum.....By *K. Marubashi* (139)
- III. Nonducted Whistlers observed in the Plasmasphere
.....By *K. Aikyo, T. Ondoh and M. Nagayama* (151)
- IV. Propagational Mode deducted from Signal Strengths in the VHF
Band on the Trans-Equatorial Path
.....By *I. Kuriki, K. Tanohata, T. Sakamoto and M. Iguchi* (175)
- V. Measurement of Log-Irradiance Fluctuation of He-Ne Laser in the
AtmosphereBy *Y. Furuhashi and M. Fukushima* (197)

RADIO RESEARCH LABORATORIES

MINISTRY OF POSTS AND TELECOMMUNICATIONS

TOKYO, JAPAN