

JOURNAL OF THE COMMUNICATIONS RESEARCH LABORATORY

CONTENTS

Message to Readers

- Kashima Space Research Center
—Past, present, and future— *Masaharu Fujita* 223

Papers

- Statistical Study of the Ionospheric Absorption Region Drift Observed
with the Imaging Riometer at Poker Flat, Alaska *Shoji Kainuma,*
Takashi Kikuchi, Mamoru Ishii, Yasuhiro Murayama,
Hiroataka Mori, and Kiyoshi Igarashi 225

Recent Activities in CRL

- Radio and Optical Remote-sensing of the Alaskan Sky
—Japan-US Cooperative Study on the Global Environment— *Hiroataka Mori,*
Yasuhiro Murayama, Mamoru Ishii, Minoru Kubota, Harunobu Masuko,
Kohei Mizutani, Motoaki Yasui, Takeshi Manabe, Satoshi Ochiai,
Yoshihisa Irimajiri, Kiyoshi Igarashi, Kenro Nozaki, Takashi Kikuchi,
Toshikazu Itabe, Manabu Kunitake, and Syoji Kainuma 235

- Development of Three-dimensional High-resolution
Airborne Imaging Radar *Seiho Uratsuka,*
Tatsuharu Kobayashi, Makoto Satake, Toshihiko Umehara, Akitsugu Nadai,
Harunobu Masuko, and Masanobu Shimada 245

- Recent Achievements in Very Long Baseline Interferometry *Yasuhiro Koyama,*
Ryuichi Ichikawa, Toshimichi Otsubo, Jun Amagai,
Kouichi Sebata, Tetsuro Kondo, and Noriyuki Kurihara 253
-



COMMUNICATIONS
RESEARCH
LABORATORY

MINISTRY OF POSTS AND TELECOMMUNICATIONS

TOKYO, JAPAN