

CONTENTS

- Overview of Spaceborne Earth Radiation Budget Detection Technologies ... MA Qing-mei, LU Duan-jun (1)
- Design of Focusing Mechanism for a Dual-band Aerial Camera NIE Pin, TIAN Hai-ying, XU Yong-sen, et al (6)
- Influence of Magnetron Sputtering Process on Properties and
Structures of VO_x Thin Films NIE Zhu-hua, LI He-qin, CHU Han-qi, et al (9)
- Influence of Substrate Surface Status on Infrared Optical Charac-
teristics of Pb_{1-x}Ge_xTe Films XIE Ping, LI Bin, ZHANG Su-ying, et al (14)
- Research on Laser Welding Technology of Infrared Detector Assembly
..... SUN Wen, YU Jun, SHEN Yi-zhang, et al (18)
- Study of Relationship between Absolute Calibration and Relative
Calibration ZHAO Xiao-yi, ZHANG Wei, XIE Xu-fen (23)
- Image Quality Evaluation of HJ-1 Satellite CCD Sensor
..... SUN Zhong-ping, XIONG Wen-cheng, WEI Bin, et al (30)
- Research on Batch Processing Methods for Multi-temporal NDVI
Products of China's Land Surface OU Wen-hao, SU Wei, ZHANG Xiao-dong, et al (37)

● Domestic Conference Information

Call for papers: International Symposium on Photoelectronic Detection and Imaging 2011 (back cover)

● News in Brief

- Fraunhofer Scientists Develop New Long-Wave Infrared Imaging Sensor (8)
- Raytheon Integrates Millimeter-wave Radar, Uncooled Imaging IR and Semiactive Laser in Weapon (29)
- AUVSI: Goodrich Reveals Small, Low-power Infrared Camera (41)
- MIT Lincoln Laboratory's Digital Focal Plane Array Technology (42)
- Infrared Detector & Focal Plane Array Research at JPL (44)
- Broadband Radiometer on EarthCARE Spacecraft of ESA (45)
- Dislocation Reduction of HgCdTe/Si at U.S. ARL (46)
- NIR Spectroscopy to Predict Pill Quality (47)
- Infrared Search and Track System for Navy F/A-18 Jet Fighter Enters Full-scale Development (48)

Edited by: Editorial Board of Infrared (500 Yu Tian Road, Shanghai 200083, China)

E-mail: iredit@mail.sitp.ac.cn

Editor-in-chief: CHEN Gui-lin

Sponsored by: Shanghai Institute of Technical Physics, CAS

Distributed by: Division for Distribution of Newspapers and Journals, Shanghai Post Office

Foreign: China International Book Trading Corporation (P.O.Box 399, Beijing, China)
