1. Record Nr. UNINA9910254597003321

Titolo	3rd International Symposium of Space Optical Instruments and Applications : Beijing, China June 26 - 29th 2016 / / edited by H. Paul Urbach, Guangjun Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-49184-9
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XI, 517 p. 301 illus., 207 illus. in color.)
Collana	Springer Proceedings in Physics, , 0930-8989 ; ; 192
Disciplina	522.2
Soggetti	Lasers Photonics Observations, Astronomical Astronomy—Observations Remote sensing Aerospace engineering Astronautics Optics, Lasers, Photonics, Optical Devices Astronomy, Observations and Techniques Remote Sensing/Photogrammetry Aerospace Technology and Astronautics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Space optical remote sensing system design -- Advanced optical system design -- Remote sensor calibration and measurement -- Remote sensing data processing and information extraction -- Remote sensing data applications. .
Sommario/riassunto	This volume contains selected and expanded contributions presented at the 3rd Symposium on Space Optical Instruments and Applications in Beijing, China June 28 – 29, 2016. This conference series is organised by the Sino-Holland Space Optical Instruments Laboratory, a cooperation platform between China and the Netherlands. The symposium focused on key technological problems of optical

instruments and their applications in a space context. It covered the latest developments, experiments and results regarding theory, instrumentation and applications in space optics. The book is split across five topical sections. The first section covers space optical remote sensing system design, the second advanced optical system design, the third remote sensor calibration and measurement. Remote sensing data processing and information extraction is then presented, followed by a final section on remote sensing data applications. .