

1. Record Nr.	UNINA9910450327903321
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Titolo	Exploration of the solar system by infrared remote sensing // R.A. Hanel [and others] [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2002
ISBN	1-107-13561-3 1-280-43052-4 9786610430529 0-511-17902-2 1-139-14874-5 0-511-06148-X 0-511-05515-3 0-511-33066-9 0-511-53610-0 0-511-06994-4
Edizione	[Second edition.]
Descrizione fisica	1 online resource (xvi, 518 pages) : digital, PDF file(s)
Disciplina	523.2
Soggetti	Planets - Remote sensing Infrared astronomy Outer space Exploration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 475-510) and index.
Nota di contenuto	Cover; Half-title; Title; Copyright; Contents; Introduction to first edition; Introduction to second edition; 1 Foundation of radiation theory; 2 Radiative transfer; 3 Interaction of radiation with matter; 4 The emerging radiation field; 5 Instruments to measure the radiation field; 6 Measured radiation from planetary objects up to Neptune; 7 Trans-Neptunian objects and asteroids; 8 Retrieval of physical parameters from measurements; 9 Interpretation of results; Closing remarks; Appendix 1; Appendix 2; Appendix 3; References; Abbreviations; Index
Sommario/riassunto	This book describes all aspects of the theory, instrumental techniques and observational results of the remote sensing of objects in our Solar

System through studies of infrared radiation. Fully revised since publication of the first edition in 1992, it now incorporates the latest technologies, new mission results and scientific discoveries. It also includes a fully up-dated bibliography to reflect the advances made in this field during the past ten years. All planets from Mercury to Pluto, many of their satellites, asteroids and comets are discussed. The presentation will appeal to advanced students and professional planetary science researchers, although some chapters are of wider interest. The authors have drawn on their extensive experience at the NASA-Goddard Space Flight Center to produce a definitive account of what can be learned from infrared studies of our planetary system.
