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Titolo	Review and evaluation of appearance : methods and techniques : a symposium sponsored by ASTM Committee E-12 on Appearance of Materials, Montreal, Canada, 23 May 1984
Pubbl/distr/stampa	[Place of publication not identified], : ASTM, 1986
ISBN	0-8031-4979-4
Collana	ASTM special technical publication Review and evaluation of appearance
Disciplina	620.1/1
Soggetti	Sensory evaluation - Congresses Materials - Appearance - Congresses Specular reflectance - Congresses Materials - Coloring - Congresses Chemical & Materials Engineering Engineering & Applied Sciences Materials Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr.	UNINA9910455456003321
Autore	Otoshi Tom Y.
Titolo	Noise temperature theory and applications for deep space communications antenna systems // Tom Y. Otoshi
Pubbl/distr/stampa	Boston : , : Artech House, , ©2008 [Piscataway, New Jersey] : , : IEEE Xplore, , [2008]
ISBN	1-59693-378-X
Descrizione fisica	1 online resource (308 p.)
Collana	Artech House antennas and propagation series
Disciplina	621.382/4
Soggetti	Deep Space Network Microwave antennas Microwave communication systems Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introductory topics -- Reflector surfaces -- Noise temperature experiments -- Mismatch error analyses -- Network analysis topics -- Useful formulas for noise temperature applications.
Sommario/riassunto	"Deep space communications technology is bringing home benefits to all types of microwave communications systems. This groundbreaking resource explains the breakthroughs that the NASA JPL Deep Space Antenna Network achieved in reducing noise and signal interference. The book focuses on ground-based receivers and how they can be improved to pick up weak or disrupted signals. Practicing microwave engineers in all fields can apply these theories and methods to improve systems performance. In particular, engineers working on deep-space antenna systems can make the most of the techniques for analyzing errors caused by noise temperature. The book explains how to confidently predict receiver noise temperature thereby boosting the capability to receive data. Tutorials, practical formulas, and powerful techniques earn this book a permanent place on every microwave and antenna engineer's desk."--