1. Record Nr. UNINA9910780926703321

Titolo	Spectral sensing research for water monitoring applications and frontier science and technology for chemical, biological and radiological defense [[electronic resource] /] / editors, Dwight Woolard, Janet Jensen
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2008
ISBN	1-282-44099-3 9786612440991 981-283-324-2
Descrizione fisica	1 online resource (503 p.)
Collana	Selected topics in electronics and systems ; ; v. 48
Altri autori (Persone)	WoolardDwight L JensenJanet L. <1964->
Disciplina	574.1/9285
Soggetti	Spectrum analysis Remote sensing Chemical detectors Multispectral photography Environmental monitoring Water - Pollution - Measurement Chemical terrorism - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Select papers from the 2006 International Symposium on Spectral Sensing Research (2006 ISSSR)"--P. v.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Water sensing and monitoring sessions -- Frontier session.
Sommario/riassunto	This book provides unique perspectives on both state-of-the-art hyperspectral techniques for the early-warning monitoring of water supplies against chemical, biological and radiological (CBR) contamination effects as well as the emerging spectroscopic science and technology base that will be used to support an array of CBR defense and security applications in the future. The technical content in this book lends itself to the non-traditional requirements for point and stand-off detection that have evolved out of the US joint services programs over many years. In particular, the scientific and t