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Autore	Das Subrata Kumar
Titolo	High-level data fusion // Subrata Das
Pubbl/distr/stampa	Boston : , : Artech House, , ©2008 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2008]
ISBN	1-59693-282-1
Descrizione fisica	1 online resource (393 p.)
Disciplina	004.01/9
Soggetti	Expert systems (Computer science) Computational intelligence Human-machine systems Human-computer interaction
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 (p. 345-359) and index.
Nota di contenuto	Models, architectures, and data -- Mathematical preliminaries -- Approaches to handling uncertainty -- Introduction to target tracking -- Target classification and aggregation -- Model-based situation assessment -- Modeling time for situation assessment -- Handling nonlinear and hybrid models -- Decision support -- Learning of fusion models -- Towards cognitive agents for data fusion -- Distributed fusion.
Sommario/riassunto	The book explores object and situation fusion processes with an appropriate handling of uncertainties, and applies cutting-edge artificial intelligence and emerging technologies like particle filtering, spatiotemporal clustering, net-centricity, agent formalism, and distributed fusion together with essential Level 1 techniques and Level 1/2 interactions.