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[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
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 (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. |