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Titolo	Introduction of intelligent machine fault diagnosis and prognosis / / Bo-Suk Yang and Achmad Widodo
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-61470-111-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (363 p.)
Altri autori (Persone)	WidodoAchmad
Disciplina	620/.0044
Soggetti	Fault location (Engineering) - Automation Automatic test equipment Expert systems (Computer science) Conscious automata Machine learning Machinery - Testing
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	Data acquisition, processing, and analysis -- Feature extraction and clustering -- Feature selection -- Fault classification algorithms -- Decision fusion algorithms -- Fault prognosis algorithms.
Sommario/riassunto	This text book is easy to study; even if the reader is a beginner in the fault diagnosis area, they do not need special prerequisite knowledge to understand the contents. The book is equipped with software under MATLAB and offers many examples which are related to fault diagnosis processes.