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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Cover; Editorial boards; Guest editorial; The role of maintenance in improving company's competitiveness and profitability; Dynamic analytic hierarchy process: AHP method adapted to a changing environment; Coloured stochastic Petri nets modelling for the reliability and maintenance analysis of multi-state multi-unit systems; Complex maintenance programs quantification (CMPQ) to better control production systems; Queuing network-based methodology for designing and assessing performance of centralized maintenance workshops; A review of multi-criteria classification of spare parts Time series trending for condition assessment and prognosticsValue-driven engineering of E-maintenance platforms
Sommario/riassunto	Maintenance is an essential function in any successful operations. Today, it is enhancing its contribution to companies' competitiveness and profitability thanks to relevant innovations achieved by advanced methodologies, services and technologies. A leading concept is becoming Maintenance Engineering, an increasingly important topic which covers wide range of related application areas. Maintenance Engineering aims at investigating how engineering theories and practices can improve maintenance plans in order to impact dependability and asset management performance, which in turn facilitate the

