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Descrizione fisica	1 online resource (261 p.)
Collana	EcoProduction, Environmental Issues in Logistics and Manufacturing, , 2193-4614
Classificazione	333.7 620
Disciplina	338.476292
Soggetti	Environmental engineering Biotechnology Sustainable development Production management Environmental Engineering/Biotechnology Sustainable Development Operations Management Aufsatzsammlung
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.
Nota di contenuto	Sustainability in automotive industry -- Environmental friendly practices in the automotive industry -- A declarative approach to new product development in the automotive industry -- What is influencing the sustainable attitude of the automobile industry -- Sustainability Issues for Vehicles and Fleet Vehicles Using Hybrid and Assistive Technologies -- Tools and methods for greener decision making -- Diagnostics systems as a tool to reduce and monitor gas emissions from combustion engines -- Reachability of multimodal processes cyclic steady states space -- Decision support in automotive supply chain management – declarative and operational research approach -- The Design and the Improvement of Reverse Logistics for Discarded Tires in Japan -- Recovery of end-of-life vehicles.
Sommario/riassunto	The automotive industry is one of the most environmental aware

manufacturing sectors. Product take-back regulations influence design of the vehicles, production technologies but also the configuration of automotive reverse supply chains. The business practice comes every year closer to the closed loop supply chain concept which completely reuses, remanufactures and recycles all materials. The book covers the emerging environmental issues in automotive industry through the whole product life cycle. Its focus is placed on a multidisciplinary approach. It presents viewpoints of academic and industry personnel on the challenges for implementation of sustainable policies in the automotive sector.

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