1. Record Nr. UNINA9910438316903321 Autore Boghani Ashok B. Titolo Meeting the technology management challenges in the automotive industry / / Ashok B. Boghani, Andrew Brown, Jr Warrendale, Pa. (400 Commonwealth Dr., Wallendale PA USA):.: Pubbl/distr/stampa Society of Automotive Engineers, , ©2000 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2000] Edizione [1st ed.] Descrizione fisica 1 PDF (x, 121 pages): illustrations, digital file Society of Automotive Engineers. Electronic publications. Collana Altri autori (Persone) BrownAndrew, Jr. Disciplina 629.2/068/5 Soggetti Automobile industry and trade - Production control Automobile industry and trade - Management Production management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references (pages 105-110). Global Trends in Automotive Systems -- Global Market Trends --Nota di contenuto Automotive Products and Systems -- Safety -- Comfort and Convenience -- Fuel Economy/Energy -- Environment -- Integrated Modules -- Management of Technology -- What Is Technology? --What Is Technology Management? -- Challenges in Automotive Technology Management -- A Framework for Classifying Technology Management Challenges -- Meeting Technology Management Challenges -- Potential Responses -- Align Technology Strategy with Corporate Strategy -- Align Technology Processes, Resources, and Organization with Technology Strategy -- Globalize RandD -- Create a Balance among Central and SBU-Based RandD -- Be More Strategic in Technology Sourcing -- Codevelop -- Establish a Technology Intelligence Process -- Extract Maximum Value out of Technology --Implementing Solutions -- Prepare for Change -- Pay Attention to the Unwritten Rules of the Game -- Use Appropriate Metrics -- Best Practice Case Studies -- Caterpillar -- Toyota -- Ford Motor Company -- IBM -- IPD Model Principles -- Benefits -- General Motors -- Delphi Automotive Systems -- Closing.

This book provides instruction on how to make technology

management more effective and efficient. It discusses several ways to

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leverage technology development to get more value with fewer resources. Alignment, globalization, centralization/decentralization, sourcing, co-development, technology intelligence, and intellectual property are all extensively covered.