1. Record Nr. UNINA9910789375503321 Autore Vermesan Ovidiu **Titolo** Internet of things: converging technologies for smart environments and integrated ecosystems // Ovidiu Vermesan, Peter Friess Aalborg, Denmark: ,: River Publishers, , [2013] Pubbl/distr/stampa ©2013 **ISBN** 1-00-333865-8 1-003-33865-8 1-000-79370-2 87-92982-96-4 Descrizione fisica 1 online resource (364 p.) Collana River Publishers Series in Communications Disciplina 004 Soggetti **Embedded Internet devices** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. ""Cover""; ""Dedication""; ""Acknowledgement""; ""Editors Biography""; Nota di contenuto ""Contents""; ""Foreword: The Bright Future of the Internet of Things""; ""1 Driving European Internet of Things Research""; ""1.1 The Internet of Things Today""; ""1.2 Time for Convergence""; ""1.3 Towards the IoT Universe(s)""; ""1.4 Conclusions""; ""2 Internet of Things Strategic Research and Innovation Agenda""; ""2.1 Internet of Things Vision""; ""2.2 IoT Strategic Research and Innovation Directions""; ""2.3 IoT Applications""; ""2.4 Internet of Things and Related Future Internet Technologies""; ""2.5 Infrastructure"" ""2.6 Networks and Communication"""2.7 Processes"": ""2.8 Data Management""; ""2.9 Security, Privacy & Trust""; ""2.10 Device Level Energy Issues""; ""2.11 IoT Related Standardization""; ""2.12 Recommendations on Research Topics""; ""References""; ""3 IoT Applications a€? Value Creation for Industry""; ""3.1 Introduction""; ""3.2 IoT Applications for Industrya€? Value Creation and Challenges""; ""3.3 Future Factory Concepts""; ""3.4 Brownfield IoT: Technologies for Retrofitting""; ""3.5 Smart Objects, Smart Applications""; ""3.6 Four Aspects in your Business to Master IoT""

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Sommario/riassunto

The book aims to provide a broad overview of various topics of the Internet of Things (IoT) from the research and development priorities to enabling technologies, architecture, security, privacy, interoperability and industrial applications.