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Soggetti	Business information services Application software Information technology - Management Enterprise Architecture Computer and Information Systems Applications Computer Application in Administrative Data Processing Business Information Systems Business Process Management
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Nota di contenuto	Formalisms -- Formal Specification of DEMO Process Model and its Submodel: Towards Algebra of DEMO Models -- A DEMO Machine - A Formal Foundation for Execution of DEMO Models -- Standards and Laws -- Adding Quality of Information to the ontological model of an enterprise -- DEMO/PSI theory and the Law of the Land -- The perspectives of DEMO application to COSO Internal Audit framework risks mitigation -- VISI revisited -- Business Processes -- Converting DEMO PSI Transaction Pattern into BPMN: A Complete Method -- DEMO Business Processes Design to Improve the Enterprise Business Continuity Plans -- Normalized Systems and Evolvability -- Investigating the Evolvability of Financial Domain Models -- Exploring Design Aspects of Modular and Evolvable Document Management --

Application of Enterprise Engineering to Lean Process Management: An explorative Case Study -- Ontologies -- The REA model expressed in a generic DEMO model for co-creation and co-production -- SysPRE - Systematized Process for Requirements Engineering in knowledge discovery projects -- Revisiting the DEMO Transaction Pattern with the Unified Foundational Ontology (UFO) -- Organisation Design -- An OD-pearl for the EE-oyster -- A Literature Review of Coordination Mechanisms: Contrasting Organization Science and Information Systems Perspectives.

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Sommario/riassunto

This book constitutes the proceedings of the 7th Enterprise Engineering Working Conference, EEWC 2017, held in Antwerp, Belgium, in May 2017. EEWC aims at addressing the challenges that modern and complex enterprises are facing in a rapidly changing world. The participants of the working conference share a belief that dealing with these challenges requires rigorous and scientific solutions, focusing on the design and engineering of enterprises. The goal of EEWC is to stimulate interaction between the different stakeholders, scientists as well as practitioners, interested in making Enterprise Engineering a reality. The 12 full papers and 4 short papers presented in this volume were carefully reviewed and selected from 40 submissions. They were organized in topical sections named: formalisms; standards and laws; business processes; normalized systems and evolvability; ontologies; and organization design. .

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