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Titolo	Knowledge-based software engineering [[electronic resource] ] : proceedings of the fifth Joint Conference on Knowledge-Based Software Engineering // edited by Tatjana Welzer, Shuichiro Yamamoto, and Ivan Rozman
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Collana	Frontiers in artificial intelligence and applications, , 0922-6389 ; ; v. 80
Altri autori (Persone)	WelzerTatjana <1961-> YamamotoShuichiro RozmanIvan <1953->
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title page; Foreword; Conference Organisation; Contents; Knowledge-based Methods and Tools for Software Engineering; Applying the MAS-CommonKADS Methodology to the Flights Reservation Problem: Integrating Coordination and Expertise; Flexible Distributed Agent System and its Application; Sub-optimal Journey Supported by Agents; Software Agents for Uncertain and Complex Environments; The Consistency Management of Scenarios from Different Viewpoints; A Controlling System of Progress for Users by Using Use Cases; Requirements for a Software Process Repository Content The Utilization of BSC Knowledge in SPI - A Case StudyA Formalization of the Design Pattern Derivation by Applying Quantum Field Concepts; A Design of Agent Oriented Search Engine for Web Documents; Complementing Inheritance to Model Behavioural Variation Using Roles;

Patterns for Enterprise Application Integration; A Proposal of Class Cohesion Metrics Using Sizes of Cohesive Parts; Construction of a Fuzzy Grammar from a Set of Sentences; Algebraic Theory of Production Systems; Knowledge Management for Business Processes Early Experience of a Dynamic Application Downloading Platform for Multi-Application Smart Cards Building Business Application Development Environment with Multi-Grain-Size Repository; A Discussion on Aggregation Constraint for Business Process Modeling in an Example of Building Construction; Using Mobile Devices for Personalized Information; Program Understanding, Reuse, Knowledge Discovery; An Automatic Method for Refactoring Java Programs; A Concept-oriented Approach to Support Software Maintenance and Reuse Activities  
 Meta-data and ER Model Automatic Generation from Unstructured Information Resources On Efficiency of Dataset Filtering  
 Implementations in Constraint-based Discovery of Frequent Itemsets; Exploiting Informal Communities in Information Retrieval; Searching for Software Reliability with Text Mining; Software Architecture, Applied Knowledge Engineering; Symbiotic Information Systems - Towards a Human-friendly Information System; Method Materialization Using the Hierarchical Technique: Experimental Evaluation; A Support Method for Widget Replacement to Realize High Usability  
 A Domain Ontology Development Environment Using a MRD and Text Corpus Knowledge Modeling and Reasoning; Role of Case-based Reasoning in Neurology Decision Support; Software Architecture for Intelligent CAD Systems; ESTHER - Expert System for the Diagnostics of Drug Intoxications; Modeling Semistructured Data by the Adjacency Model; A New Feature Selection Method Based on Dynamic Incremental Extension of Seed Features; Improving Data Development Process; Position Papers Panel; A Proposal for a Swap-type Mutation of the Genetic Algorithm and its Application to Job Shop Scheduling Problems  
 A Web-Based VOD Clipping Tool for Efficient Private Review

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### Sommario/riassunto

An exploration of developments in the areas of knowledge engineering and software engineering. Particular emphasis is placed on applying knowledge-based methods to software engineering problems. The papers are taken from the Fifth Joint Conference on Knowledge-Based Software Engineering.

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