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	Nota di contenuto	Scalable Reasoning and Logic -- A Modularization-Based Approach to Finding All Justifications for OWL DL Entailments -- DL???Lite and Role Inclusions -- Temporal Ontology Language for Representing and Reasoning Interval-Based Temporal Knowledge -- A Formal Semantics-Preserving Translation from Fuzzy Relational Database Schema to Fuzzy OWL DL Ontology -- A Tableau Algorithm for Possibilistic Description Logic -- SAOR: Authoritative Reasoning for the Web -- Scalable Distributed Ontology Reasoning Using DHT-Based Partitioning -- Versatile Semantic Modeling of Frame Logic Programs under Answer Set Semantics -- Ontology Mapping -- Deriving Concept Mappings through Instance Mappings -- Deep Semantic Mapping between Functional Taxonomies for Interoperable Semantic Search -- Ontology Modeling and Management -- ROC: A Method for Proto-ontology Construction by Domain Experts -- A Pattern Based Approach for Re-engineering Non-Ontological Resources into Ontologies -- Efficient Index Maintenance for Frequently Updated Semantic Data -- Towards a Component-Based Framework for Developing Semantic Web Applications -- Bounded Ontological Consistency for Scalable Dynamic Knowledge Infrastructures -- An Editorial Workflow Approach For Collaborative Ontology Development -- Identifying Key Concepts in an Ontology, through the Integration of Cognitive Principles with Statistical

and Topological Measures -- Ontologies and Tags -- The Art of Tagging: Measuring the Quality of Tags -- STAN: Social, Trusted Annotation Network -- Consolidating User-Defined Concepts with StYLiD -- Human Language Technologies and Machine Learning -- An Integrated Approach for Automatic Construction of Bilingual Chinese-English WordNet -- Predicting Category Additions in a Topic Hierarchy -- Catriple: Extracting Triples from Wikipedia Categories -- Semantically Conceptualizing and Annotating Tables -- Semantic Assistants – User-Centric Natural Language Processing Services for Desktop Clients -- Exploiting Gene Ontology to Conceptualize Biomedical Document Collections -- Extracting Semantic Frames from Thai Medical-Symptom Phrases with Unknown Boundaries -- Refining Instance Coreferencing Results Using Belief Propagation -- Named Entity Disambiguation: A Hybrid Statistical and Rule-Based Incremental Approach -- Querying -- Exposing Heterogeneous Data Sources as SPARQL Endpoints through an Object-Oriented Abstraction -- Integrating Lightweight Reasoning into Class-Based Query Refinement for Object Search -- A Segmentation-Based Approach for Approximate Query over Distributed Ontologies -- A Robust Ontology-Based Method for Translating Natural Language Queries to Conceptual Graphs -- Snippet Generation for Semantic Web Search Engines -- Semantic Web Services and Semantic Web Applications -- Semantic Telecommunications Network Capability Services -- Understanding Semantic Web Applications -- A Formal Model for Classifying Trusted Semantic Web Services.

Sommario/riassunto	This book constitutes the refereed proceedings of the 3rd Asian Semantic Web Conference, ASWC 2008, held in Bankok, Thailand, in December 2008. The 37 revised full papers presented were carefully reviewed and selected from 118 submissions. The papers address the latest results in the research and applications of Semantic Web technologies and cover topics including: scalable reasoning and logic, ontology mapping, ontology modelling and management, ontologies and tags, human language technologies and machine learning, querying, semantic Web services and semantic Web applications.