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Descrizione fisica	1 online resource (XIV, 394 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 2780
Disciplina	610/.285/63
Soggetti	General practice (Medicine) Medicine Artificial intelligence Health informatics Database management Information storage and retrieval General Practice / Family Medicine Biomedicine, general Artificial Intelligence Health Informatics Database Management Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Temporal Reasoning -- On-Line Extraction of Successive Temporal Sequences from ICU High-Frequency Data for Decision Support Information -- Quality Assessment of Hemodialysis Services through Temporal Data Mining -- Idan: A Distributed Temporal-Abstraction Mediator for Medical Databases -- Prognosis of Approaching Infectious Diseases -- Modeling Multimedia and Temporal Aspects of Semistructured Clinical Data -- NEONATE: Decision Support in the Neonatal Intensive Care Unit -- A Preliminary Report -- Abstracting the

Patient Therapeutic History through a Heuristic-Based Qualitative Handling of Temporal Indeterminacy -- Ontology, Terminology -- How to Represent Medical Ontologies in View of a Semantic Web? -- Using Description Logics for Managing Medical Terminologies -- Ontology for Task-Based Clinical Guidelines and the Theory of Granular Partitions -- Speech Interfaces for Point-of-Care Guideline Systems -- Text Categorization prior to Indexing for the CISMEF Health Catalogue -- Bodily Systems and the Modular Structure of the Human Body -- Image Processing, Simulation -- Multi-agent Approach for Image Processing: A Case Study for MRI Human Brain Scans Interpretation -- Qualitative Simulation of Shock States in a Virtual Patient -- 3D Segmentation of MR Brain Images into White Matter, Gray Matter and Cerebro-Spinal Fluid by Means of Evidence Theory -- A Knowledge-Based System for the Diagnosis of Alzheimer's Disease -- Guidelines, Clinical Protocols -- DEGEL: A Hybrid, Multiple-Ontology Framework for Specification and Retrieval of Clinical Guidelines -- Experiences in the Formalisation and Verification of Medical Protocols -- Enhancing Conventional Web Content with Intelligent Knowledge Processing -- Linking Clinical Guidelines with Formal Representations -- Computerised Advice on Drug Dosage Decisions in Childhood Leukaemia: A Method and a Safety Strategy -- The NewGuide Project: Guidelines, Information Sharing and Learning from Exceptions -- Managing Theoretical Single-Disease Guideline Recommendations for Actual Multiple-Disease Patients -- Informal and Formal Medical Guidelines: Bridging the Gap -- Terminology, Natural Language -- Rhetorical Coding of Health Promotion Dialogues -- Learning Derived Words from Medical Corpora -- Learning-Free Text Categorization -- Knowledge-Based Query Expansion over a Medical Terminology Oriented Ontology on the Web -- Linking Rules to Terminologies and Applications in Medical Planning -- Machine Learning -- Classification of Ovarian Tumors Using Bayesian Least Squares Support Vector Machines -- Attribute Interactions in Medical Data Analysis -- Combining Supervised and Unsupervised Methods to Support Early Diagnosis of Hepatocellular Carcinoma -- Analysis of Gene Expression Data by the Logic Minimization Approach -- A Journey through Clinical Applications of Multimethod Decision Trees -- Probabilistic Networks, Bayesian Models -- Detailing Test Characteristics for Probabilistic Networks -- Bayesian Learning of the Gas Exchange Properties of the Lung for Prediction of Arterial Oxygen Saturation -- Hierarchical Dirichlet Learning -- Filling in the Thin Spots in a Database -- A Bayesian Neural Network Approach for Sleep Apnea Classification -- Probabilistic Networks as Probabilistic Forecasters -- Finding and Explaining Optimal Treatments -- Case Based Reasoning, Decision Support -- Acquisition of Adaptation Knowledge for Breast Cancer Treatment Decision Support -- Case Based Reasoning for Medical Decision-Support in a Safety Critical Environment -- Constraint Reasoning in Deep Biomedical Models -- Interactive Decision Support for Medical Planning -- Compliance with the Hyperlipidaemia Consensus: Clinicians versus the Computer -- WoundCare: A Palm Pilot-Based Expert System for the Treatment of Pressure Ulcers -- VIE-DIAB: A Support Program for Telemedical Glycaemic Control -- Data Mining, Knowledge Discovery -- Drifting Concepts as Hidden Factors in Clinical Studies -- Multi-relational Data Mining in Medical Databases -- Invited Talks -- Is It Time to Trade "Wet-Work" for Network? -- Robots as Models of the Brain: What Can We Learn from Modelling Rat Navigation and Infant Imitation Games?.
