

1. Record Nr.	UNINA9910349433903321
Titolo	Agents and Artificial Intelligence : 9th International Conference, ICAART 2017, Porto, Portugal, February 24–26, 2017, Revised Selected Papers / / edited by Jaap van den Herik, Ana Paula Rocha, Joaquim Filipe
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	9783319935812 331993581X
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XV, 223 p. 58 illus.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 10839
Disciplina	006.3
Soggetti	Artificial intelligence Application software Data mining Machine theory Information technology - Management Software engineering Artificial Intelligence Computer and Information Systems Applications Data Mining and Knowledge Discovery Formal Languages and Automata Theory Computer Application in Administrative Data Processing Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	A Description Logic Based Knowledge Representation Model for Concept Understanding -- Reasoning for Autonomous Agents in Dynamic Domains: Towards Automatic Satisfaction of the Module Property -- Chest X-Ray Image Analysis - A Vision of Logic Programming -- Text Classification and Transfer Learning based on Character-level Deep Convolutional Neural Networks -- A Hierarchical Playscript Representation of Distributed Words for Effective Semantic Clustering and Search -- Data Harvesting and Event Detection from

Czech Twitter -- Variants of Independence Detection in SAT-based  
Optimal Multi-Agent Path Finding -- -Strong Privacy Preserving Multi-  
agent Planning -- A Quantitative Assessment of the JADEL  
Programming Language -- Analogical Reasoning in Clinical Practice  
with Description Logic ELH -- Advanced User Interfaces for Semantic  
Annotation of Complex Relations in Text.

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**Sommario/riassunto**

This book contains the revised and extended versions of selected papers from the 9th International Conference, ICAART 2017, held in Porto, Portugal, in February 24-26, 2017. The 11 full papers were carefully reviewed and selected from 158 initial submissions. The papers are organized in two tracks. The first focuses on agents, multi-agent systems, software platforms, distributed problem solving and distributed AI in general. The second track focuses mainly on artificial intelligence, knowledge representation, planning, learning, scheduling, perception, reactive AI systems, evolutionary computing, and other topics related to intelligent systems and computer intelligence.

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