

1. Record Nr.	UNISA990001677940203316
Autore	GUTMAN, Herbert George
Titolo	Lavoro cultura e società in America nel secolo dell'industrializzazione 1815-1919 : per una storia sociale della classe operaia americana / by Herbert G. Gutman ; introduzione di Bruno Cartosio ; [traduzione di R. Mazzanti]
Pubbl/distr/stampa	Bari, : De Donato, 1979
Descrizione fisica	270 p. ; 23 cm
Collana	Passato & Presente
Disciplina	973
Soggetti	Stati Uniti d'America - Lavoro - 1815-1919 Stati Uniti d'America - Cultura - 1815-1919
Collocazione	X.3.B. 390 (Varie coll 386/2)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNISA996546835403316
Autore	Edelkamp Stefan
Titolo	Algorithmic Intelligence [[electronic resource]] : Towards an Algorithmic Foundation for Artificial Intelligence / / by Stefan Edelkamp
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783319655963 9783319655956
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (482 pages)
Disciplina	006.3
Soggetti	Artificial intelligence Data mining Control engineering Robotics Automation Business information services Business logistics Artificial Intelligence Data Mining and Knowledge Discovery Control, Robotics, Automation IT in Business Logistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Towards a Characterization -- Part I, Basics -- 1. Programming Primer -- 2. Shortest Paths -- 3. Sorting -- 4. Deep Learning -- 5. Monte-Carlo Search -- Part II, Big Data -- 6. Graph data -- 7. Multimedia Data -- 8. Network Data -- 9. Image Data -- 10. Navigation Data -- Part III, Research Areas -- 11. Machine Learning -- 12. Problem Solving -- 13. Card Game Playing -- 14. Action Planning -- 15. General Game Playing -- 16. Multiagent Systems -- 17. Recommendation and Configuration Part IV, Applications -- 18. Adversarial Planning -- 19. Model Checking -- 20. Computational

Biology -- 21. Logistics -- 22. Additive Manufacturing -- 23. Robot Motion Planning -- 24. Industrial Production -- 25. Further Application Areas. - Index and References.

Sommario/riassunto

In this book the author argues that the basis of what we consider computer intelligence has algorithmic roots, and he presents this with a holistic view, showing examples and explaining approaches that encompass theoretical computer science and machine learning via engineered algorithmic solutions. Part I of the book introduces the basics. The author starts with a hands-on programming primer for solving combinatorial problems, with an emphasis on recursive solutions. The other chapters in the first part of the book explain shortest paths, sorting, deep learning, and Monte Carlo search. A key function of computational tools is processing Big Data efficiently, and the chapters in Part II of the book examine traditional graph problems such as finding cliques, colorings, independent sets, vertex covers, and hitting sets, and the subsequent chapters cover multimedia, network, image, and navigation data. The highly topical research areas detailed in Part III are machine learning, problem solving, action planning, general game playing, multiagent systems, and recommendation and configuration. Finally, in Part IV the author uses application areas such as model checking, computational biology, logistics, additive manufacturing, robot motion planning, and industrial production to explain how the techniques described may be exploited in modern settings. The book is supported with a comprehensive index and references, and it will be of value to researchers, practitioners, and students in the areas of artificial intelligence and computational intelligence.
