

1. Record Nr.	UNISA990000072760203316
Autore	MIGNINI, Filippo
Titolo	Introduzione a Spinoza / di Filippo Mignini
Pubbl/distr/stampa	Roma : Laterza, 1983
ISBN	88-420-2359-0
Descrizione fisica	263 p. ; 18 cm
Collana	I filosofi ; 37
Disciplina	199
Collocazione	XXX.A. Coll. 36/ 26 (COLL BN 37)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910457894303321
Autore	Cook William <1957->
Titolo	In pursuit of the traveling salesman [[electronic resource]] : mathematics at the limits of computation / / William J. Cook
Pubbl/distr/stampa	Princeton, : Princeton University Press, 2012
ISBN	1-283-33977-3 9786613339775 1-4008-3959-9
Edizione	[Course Book]
Descrizione fisica	1 online resource (245 p.)
Disciplina	511.5
Soggetti	Traveling salesman problem Computational complexity Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto

Front matter -- Contents -- Preface -- 1: Challenges -- 2: Origins of the Problem -- 3: The Salesman in Action -- 4: Searching for a Tour -- 5: Linear Programming -- 6: Cutting Planes -- 7: Branching -- 8: Big Computing -- 9: Complexity -- 10: The Human Touch -- 11: Aesthetics -- 12: Pushing the Limits -- Notes -- Bibliography -- Index

Sommario/riassunto

"What is the shortest possible route for a traveling salesman seeking to visit each city on a list exactly once and return to his city of origin? It sounds simple enough, yet the traveling salesman problem is one of the most intensely studied puzzles in applied mathematics--and it has defied solution to this day. In this book, William Cook takes readers on a mathematical excursion, picking up the salesman's trail in the 1800s when Irish mathematician W. R. Hamilton first defined the problem, and venturing to the furthest limits of today's state-of-the-art attempts to solve it. Cook examines the origins and history of the salesman problem and explores its many important applications, from genome sequencing and designing computer processors to arranging music and hunting for planets. He looks at how computers stack up against the traveling salesman problem on a grand scale, and discusses how humans, unaided by computers, go about trying to solve the puzzle. Cook traces the salesman problem to the realms of neuroscience, psychology, and art, and he also challenges readers to tackle the problem themselves. The traveling salesman problem is--literally--a \$1 million question. That's the prize the Clay Mathematics Institute is offering to anyone who can solve the problem or prove that it can't be done. In Pursuit of the Traveling Salesman travels to the very threshold of our understanding about the nature of complexity, and challenges you yourself to discover the solution to this captivating mathematical problem"--