1. Record Nr. UNINA9910973790503321

Autore	Michalewicz Zbigniew
Titolo	Genetic Algorithms + Data Structures = Evolution Programs / / by Zbigniew Michalewicz
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1994
ISBN	3-662-07418-4
Edizione	[2nd ed. 1994.]
Descrizione fisica	1 online resource (XVI, 340 p. 26 illus.)
Disciplina	006.3
Soggetti	Artificial intelligence Algorithms Numerical analysis Computer programming Software engineering Operations research Artificial Intelligence Numerical Analysis Programming Techniques Software Engineering Operations Research and Decision Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I. Genetic Algorithms -- 1 GAs: What Are They? -- 2 GAs: How Do They Work? -- 3 GAs: Why Do They Work? -- 4 GAs: Selected Topics -- II. Numerical Optimization -- 5 Binary or Float? -- 6 Fine Local Tuning -- 7 Handling Constraints -- 8 Evolution Strategies and Other Methods -- III. Evolution Programs -- 9 The Transportation Problem -- 10 The Traveling Salesman Problem -- 11 Drawing Graphs, Scheduling, Partitioning, and Path Planning -- 12 Machine Learning -- Conclusions -- References.
Sommario/riassunto	Genetic algorithms are founded upon the principle of evolution, i.e., survival of the fittest. Hence evolution programming techniques, based on genetic algorithms, are applicable to many hard optimization

	problems, such as optimization of functions with linear and nonlinear constraints, the traveling salesman problem, and problems of scheduling, partitioning, and control. The importance of these techniques has been growing in the last decade, since evolution programs are parallel in nature, and parallelism is one of the most promising directions in computer science. The book is self-contained and the only prerequisite is basic undergraduate mathematics. It is aimed at researchers, practitioners, and graduate students in computer science and artificial intelligence, operations research, and engineering. This second edition includes several new sections and many references to recent developments. A simple example of genetic code and an index are also added. Writing an evolution program for a given problem should be an enjoyable experience - this book may serve as a guide to this task.

2.	Record Nr.	UNINA9910961780603321
	Autore	Stanger James
	Titolo	Hack proofing Linux: a guide to open source security : the only way to stop a hacker is to think like one / / James Stanger, Patrick T. Lane
	Pubbl/distr/stampa	Rockland, Mass., : Syngress Media London, : International Thomson, c2001
	ISBN	1-281-05290-6 9786611052904 0-08-047811-5
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (705 p.)
	Altri autori (Persone)	LanePatrick (Patrick T.)
	Disciplina	005.8
	Soggetti	Computer security
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index. One CD-ROM in pocket attached to inside back cover.
	Nota di contenuto	1928994342.pdf; 1928994342.pdf; Cover; Table of Contents; Preface; Chapter 1 Introduction to Open Source Security; Chapter 2 Hardening the Operating System; Chapter 3 System Scanning and Probing; Chapter

4 Implementing an Intrusion Detection System; Chapter 5 Troubleshooting the Network with Sniffers; Chapter 6 Network Authentication and Encryption; Chapter 7 Avoiding Sniffing Attacks through Encryption; Chapter 8 Creating Virtual Private Networks; Chapter 9 Implementing a Firewall with Ipchains and Iptables; Chapter 10 Deploying the Squid Web Proxy Cache Server
Chapter 11 Maintaining FirewallsAppendix A Bastille Log; Appendix B Hack Proofing Linux Fast Track; Index; Related Titles

Sommario/riassunto

From the authors of the bestselling E-Mail Virus Protection Handbook! The Linux operating system continues to gain market share based largely on its reputation as being the most secure operating system available. The challenge faced by system administrators installing Linux is that it is secure only if installed and configured properly, constantly and meticulously updated, and carefully integrated with a wide variety of Open Source security tools. The fact that Linux source code is readily available to every hacker means that system administrators must continually learn security and ant