



# Electimize

By Mohamed Abdel-Raheem

LAP Lambert Academic Publishing Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x14 mm. Neuware - Electimize is an evolutionary algorithm that simulates the phenomenon of electric conduction through the flow of electrons in an electric circuit. Electimize has the ability to evaluate each value in the solution string independently, which enables it to identify the optimal solutions in a relatively short time. The algorithm utilizes Ohm's law and Kirchhoff's rule for the qualification of candidate solutions. A number of internal processes were designed to increase the capabilities of the algorithm with respect to the extensive search of the solutions space, identification of alternative optimal solutions, and avoidance of local optima. Electimize was proved to be very efficient in solving discrete optimization problems. This book presents the philosophy of work, theory behind the research, and the development phases of Electimize with various applications in solving combinatorial optimization problems in different engineering fields. 240 pp. Englisch.



**READ ONLINE**  
[ 7.33 MB ]

## Reviews

*It is a single of my favorite publication. It really is really interesting through studying period. Your life period will probably be transform once you total looking at this book.*

-- **Janie Schultz I**

*It is a of the most popular book. It really is filled with wisdom and knowledge You may like how the article writer publish this pdf.*

-- **Kellie Huels**

## You May Also Like



### Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



### Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### Spanky the Mouse (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 203 x 127 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The biggest failure in life for any parent, or anyone raising a child is, if the Child grows up to...



### Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)

Createspace, United States, 2010. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.From a certified teacher and founder of an online tutoring website-a simple and effective guide for parents and students to...



### Words and Rhymes for Kids: A Fun Teaching Tool for High Frequency Words and Word Families (Paperback)

AUTHORHOUSE, United States, 2009. Paperback. Book Condition: New. 279 x 211 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This book is designed to make learning fun for children in kindergarten through primary grades. It teaches recognition of high...



### The Lalaurie Horror

Saint James Infirmary Books. Paperback. Book Condition: New. Paperback. 150 pages. Dimensions: 8.0in. x 5.0in. x 0.3in.Cited as a resource by world-renowned, French criminologist, Stphane Bourgoïn, a foremost authority on serial killers. Twice Nominated for Literatures Pushcart Prize. On April 10, 1834,...