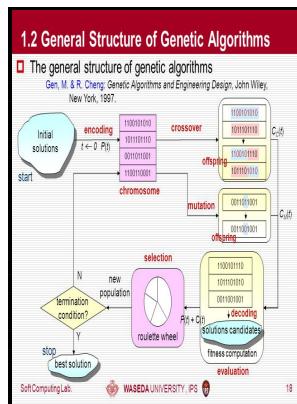


# Genetic algorithms and engineering design

## Wiley - Genetic Algorithms and Engineering Design



Description: -

Mathematical optimization.

Genetic algorithms.

Industrial engineering -- Mathematical models. Genetic algorithms and engineering design

- De School van de literatuur

Wiley series in engineering design and automation Genetic algorithms and engineering design

Notes: Includes bibliographical references (p. 380-405) and index.  
This edition was published in 1997



Filesize: 14.34 MB

Tags: #Genetic #Algorithms #and #Engineering #Design #: #Mitsuo #Gen #: #9780471127413

### Genetic Algorithms and Engineering Design by Mitsuo Gen

We used Nelder-Mead simplex optimization algorithm as a local optimizer Nelder and Mead, 1965.

### ENGINEERING DESIGN USING GENETIC ALGORITHMS

Biochimica et Biophysica Acta BBA - General Subjects.

### Genetic Algorithms and Engineering Design / Edition 1 by Mitsuo Gen, Runwei Cheng

Genetic algorithm is a kind of stochastic algorithm based on the theory of probability. The last few years have seen important advances in the use of genetic algorithms to address challenging optimization problems in industrial engineering. *Genetic Algorithms and Engineering Design* is the only book to cover the most recent technologies and their application to manufacturing, presenting a comprehensive and fully up-to-date treatment of genetic algorithms in industrial engineering and operations research.

### Genetic Algorithms and Engineering Design

In each generation, the best individual is saved. Each string will represent a possible network configuration. Mutation and Crossover explains how to specify the number of children of each type that the algorithm generates and the functions it uses to perform crossover and mutation.

---

## Related Books

- [Road to science fiction.](#)
- [Mathematics for telecommunications and electrical engineering](#)
- [Judicial discretion in sentencing by judges and magistrates](#)
- [Mission 41-B - alone in space.](#)
- [Without apology](#)