

<<灰色数理资源科学导论>>

图书基本信息

书名：<<灰色数理资源科学导论>>

13位ISBN编号：9787560961842

10位ISBN编号：7560961843

出版时间：2010-5

出版时间：华中科技大学出版社

作者：邓聚龙

页数：169

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<灰色数理资源科学导论>>

内容概要

Let "Mathematical Resource Science" be an amalgamation, thus "Grey Mathematical" and "Grey Mathematical Resource Science" connotes their two subsets. "Mathematical Resource" connotes the model, algorithms, theorems, laws, conceptions possessing values of resource in mathematic, physic, and grey theory. We call resource existing mechanism, and resource distinction the resource biology (or biology for short). We thus say biology is the must for every resource. Accordingly, there are life biology, mathematical biology, society biology, and information biology, owing to the cardinal purpose for resource studying is to exploiting and utilizing resources. Thus the exploiting mathematical resource connotes to exploit its existing mechanism and distinctions.

<<灰色数理资源科学导论>>

作者简介

Deng Julong is the Professor and Ph. D Advisor of Control Sciences and Engineering in Huazhong University of Science and Technology (HUST) ,Wuhan, China. He is the Creator of Grey System Theory and Grey Mathematical Resource Science, which have been implemented in petroleum, geophysics, medicine, industry control, management, agriculture and the other field. 16 books, such as The Grey Control System (2-thedition) , Grey Forecasting and Grey Decision Making, Elements on Grey Theory, the Primary Methods of Grey System Theory, and 216 papers have been published at home and abroad.

书籍目录

Introduction to Grey Mathematical Theory Chapter 1 Conception Exploiting

1.1 Conception on Grey Resources

1.2 Properties on Grey Resources——Economic-Technical Properties

1.3 Categories on Grey Resources

1.4 Efficacy-Wealth Co-Survival Model: S Model

1.5 Grey Hazy Set on Resource Efficacy Forming

Chapter 2 The Ecology Exploitation of Social Resource

2.1 Ordering Effectiveness Concept of Grey Resource

2.2 Ordering Effectiveness in GM (1, N)

2.3 GM(1,N) Integrating Concept

2.4 GM(1, N) Integrating Criterion on Resource Optimal Integrating

2.5 Instance of Ecology Exploiting on Social Resource

Chapter 3 Programming Exploitation

3.1 Outline on Programming Exploitation

3.2 Grey Linear Programming with Thrift Resources

3.3 Ergodic Sparing Resource Grey Linear Programming

3.4 Thrift Resource Situation Programming on Components

3.5 Thrift of Resources Time Domain Situation Grey Programming

3.6 Thrift of Resource Situation Programming in time Domain for Total Ration Limit

Chapter 4 Biology Exploitation of Life Resource

4.1 Outline on Life Resource Exploitation

4.2 GRA Breeding Target Character

4.3 The Selection of Optimal Region for Breeding

4.4 Parent Sorting via GRA

4.5 Quality Analysis for Glutenin Subunit of High-Quality Wheat

4.6 Life Prophylaxis(Biology Relationship With Grey Numbers)

4.7 Grey Differential Model of Animal Living & Exercising Relation

Chapter 5 Biology Exploitation of Grey Mathematical Resources

5.1 Outline on Biology Exploitation of GMR

5.2 Steep GM(1,1)

5.3 GM Modeling in Resource Efficacy Space

5.4 Mineral Resource Exploiting(Grey Trap)

5.5 Grey Assessment in Resource Efficacy Field

Chapter 6 Biology Exploiting of Information Resources

6.1 National Economic Information Resource(Resource Block)

6.2 Ore Resource Exploiting Situation Prediction

6.3 Spring Resource Prediction

6.4 Flow Prediction in Flood Season of River

6.5 Prediction of Exploiting Situation for Reservoir Resource

6.6 Chinese Herbal Medicine Resource

<<灰色数理资源科学导论>>

章节摘录

插图：

<<灰色数理资源科学导论>>

编辑推荐

《灰色数理资源科学导论(英文版)》是由华中科技大学出版社出版的。

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>