1. Record Nr. UNIBAS000008305

Autore	Adamek, André-Marcel
Titolo	Le plus grand sous-marin du monde : roman / André-Marcel Adamek
Pubbl/distr/stampa	Bruxelles : Gilson, c1999
ISBN	2-87269-112-X
Descrizione fisica	158 p. ; 22 cm.
Disciplina	843.914
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910715003303321

Autore	Ferris Alice T.
Titolo	Free-flight and wind-tunnel studies of deployment of a dynamically and elastically scaled inflatable parawing model / / by Alice T. Ferris and H. Neale Kelly
Pubbl/distr/stampa	Washington, D.C. : , : National Aeronautics and Space Administration, , September 1968
Descrizione fisica	1 online resource (42 pages) : illustrations
Collana	NASA technical note ; ; TN D-4724
Soggetti	Airplanes - Parawings - Models - Testing Wind tunnels
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"September 1968."
Nota di bibliografia	Includes bibliographical references (page 15).

3. Record Nr. UNINA9911019633003321

Autore	Mesterton-Gibbons Mike
Titolo	A concrete approach to mathematical modelling / / Michael Mesterton-Gibbons
Pubbl/distr/stampa	New York, : John Wiley & Sons, 2007
ISBN	9786613813893 9781282251595 1282251597 9781118032480 1118032489 9781118030646 1118030648
Descrizione fisica	1 online resource (620 p.)
Disciplina	511.8
Soggetti	Mathematical models
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	"A Wiley-Interscience publication."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Concrete Approach to Mathematical Modelling; CONTENTS; An ABC of modelling; I The Deterministic View; 1 Growth and decay. Dynamical systems; 1.1 Decay of pollution. Lake purification; 1.2 Radioactive decay; 1.3 Plant growth; 1.4 A simple ecosystem; 1.5 A second simple ecosystem; 1.6 Economic growth; 1.7 Metered growth (or decay) models; 1.8 Salmon dynamics; 1.9 A model of U.S. population growth; 1.10 Chemical dynamics; 1.11 More chemical dynamics; 1.12 Rowing dynamics; 1.13 Traffic dynamics; 1.14 Dimensionality, scaling, and units; Exercises; 2 Equilibrium 2.1 The equilibrium concentration of contaminant in a lake2.2 Rowing in equilibrium; 2.3 How fast do cars drive through a tunnel?; 2.4 Salmon equilibrium and limit cycles; 2.5 How much heat loss can double-glazing prevent?; 2.6 Why are pipes circular?; 2.7 Equilibrium shifts; 2.8 How quickly must drivers react to preserve an equilibrium?; Exercises; 3 Optimal control and utility; 3.1 How fast should a bird fly when migrating?; 3.2 How big a pay increase should a professor receive?; 3.3 How many workers should industry employ?; 3.4 When

should a forest be cut?

3.5 How dense should traffic be in a tunnel?3.6 How much pesticide should a crop grower use-and when?; 3.7 How many boats in a fishing fleet should be operational?; Exercises; II Validating a Model; 4 Validation: accept, improve, or reject; 4.1 A model of U.S. population growth; 4.2 Cleaning Lake Ontario; 4.3 Plant growth; 4.4 The speed of a boat; 4.5 The extent of bird migration; 4.6 The speed of cars in a tunnel; 4.7 The stability of cars in a tunnel; 4.8 The forest rotation time; 4.9 Crop spraying; 4.10 How right was Poiseuille?; 4.11 Competing species; 4.12 Predator-prey oscillations

4.13 Sockeye swings, paradigms, and complexity4.14 Optimal fleet size and higher paradigms; 4.15 On the advantages of flexibility in prescriptive models; Exercises; III The Probabilistic View; 5 Birth and death. Probabilistic dynamics; 5.1 When will an old man die? The exponential distribution; 5.2 When will ? men die? A pure death process; 5.3 Forming a queue. A pure birth process; 5.4 How busy must a road be to require a pedestrian crossing control?; 5.5 The rise and fall of the company executive; 5.6 Discrete models of a day in the life of an elevator

5.7 Birds in a cage. A birth and death chain5.8 Trees in a forest. An absorbing birth and death chain; Exercises; 6 Stationary distributions; 6.1 The certainty of death; 6.2 Elevator stationarity. The stationary birth and death process; 6.3 How long is the queue at the checkout? A first look; 6.4 How long is the queue at the checkout? A second look; 6.5 How long must someone wait at the checkout? Another view; 6.6 The structure of the work force; 6.7 When does a T-junction require a left-turn lane?; Exercises; 7 Optimal decision and reward; 7.1 How much should a buyer buy? A first look

7.2 How many roses for Valentine's Day?

Sommario/riassunto

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