1. Record Nr.   UNINA9910703212103321

   Titolo   Compact of Free Association with the Republic of Palau [[electronic resource]] : assessing the 15-year review : hearing before the Subcommittee on Asia and the Pacific of the Committee on Foreign Affairs, House of Representatives, One Hundred Twelfth Congress, first session, November 30, 2011

   Pubbl/distr/stampa   Washington : , : U.S. G.P.O., , 2011

   Descrizione fisica   1 online resource (iii, 90 pages) : illustrations, map

   Soggetti   Self-determination, National - Palau
                    Economic assistance, American - Palau
                    United States Foreign relations Palau
                    Palau Foreign relations United States
                    United States Military relations Palau
                    Palau Military relations United States
                    Palau Strategic aspects

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Title from title screen (viewed on Jan. 31, 2012).
                    Paper version available for sale by the Supt. of Docs., U.S. G.P.O.
                    "Serial no. 112-84."

   Nota di bibliografia   Includes bibliographical references.

2.	Record Nr.	UNINA9911019259403321
	Titolo	Biological reaction engineering : dynamic modelling fundamentals with simulation examples
	Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH, 2003
	ISBN	1-280-55950-0
		9786610559503
		3-527-60305-0
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (517 pages)
	Disciplina	660.6
	Soggetti	Engineering
		Technology
		Chemistry
		Biological Science Disciplines
		Investigative Techniques
		Computing Methodologies
		Computer Simulation
		Biochemistry
		Biotechnology
		Models, Theoretical
		Chemical Engineering
		Natural Science Disciplines
		Information Science
		Technology, Industry, and Agriculture
		Analytical, Diagnostic and Therapeutic Techniques and Equipment
		Technology, Industry, Agriculture
		Disciplines and Occupations
		Mechanical Engineering
		Bioengineering
		Engineering & Applied Sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph

Sommario/riassunto

Here, the modeling of dynamic biological engineering processes is presented in a highly understandable way using a unique combination of simplified fundamental theory and direct hands-on computer simulation. Throughout, the mathematics is kept to a minimum, yet the 60 simulation examples supplied on a CD-ROM with this second edition illustrate almost every aspect of biological engineering science. Many of the examples are taken from the authors' own research, and each is described in detail, including the model equations. The programs are written in the modern user-friendly simulation language Berkeley Madonna, which runs on both Windows PC and Power-Macintosh computers. Madonna solves models comprising many ordinary differential equations using very simple programming, yet is so powerful that the model parameters may be defined as "sliders", which allow the effect of their change on the model behaviour to be seen almost immediately. Users may include data for curve fitting, and perform sensitivity or multiple runs. The results can be seen simultaneously on multiple-graph windows or by using overlays - resulting in a tremendous learning effect.; The authors' extensive experience, both in university teaching and international courses, is reflected in this well-balanced presentation, which is suitable for teachers, students, biochemists and engineers. The result is a greater understanding of the formulation and use of mass balances and kinetics for biological reaction engineering, written in a most stimulating manner.