1. Record Nr. UNINA9910136774503321

Autore	Edited by Norman J. Temple and Nelia Steyn
Titolo	Community nutrition for developing countries / / edited by Norman J. Temple and Nelia Steyn
Pubbl/distr/stampa	Athabasca University Press, 2016 Edmonton, Alberta : , : AU Press [Pretoria, South Africa?] : , : UNISA, University of South Africa Press, , [2016] ©2016
ISBN	1-927356-13-X 1-927356-12-1
Descrizione fisica	1 online resource (xv, 491 pages) : digital, PDF file(s)
Disciplina	363.8091724
Soggetti	Nutrition - Developing countries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I. The food and nutrition situation in developing countries --Part II. Lifecycle nutrition --Part III. The role of nutrition in the prevention and treatment of disease --Part IV. From food guides to nutrition education --Part V. Key components of community-based nutrition programmes --Part VI. Population nutrition and the role of government --Part VII. Assessing nutrition status --Part VIII. Food services and food safety --Part IX. A broader perspective.
Sommario/riassunto	"Nutrition textbooks used by universities and colleges in developing countries have very often been written by scholars who live and work in North America or the United Kingdom. And while the research and information they present is sound, the nutrition-related health challenges with which developing countries must grapple differs considerably from those found in highly industrialized Western nations. The primary aim of Community Nutrition for Developing Countries is to address this issue. Written by both scholars and practitioners, the volume draws on their wealth of knowledge, experience, and understanding of nutrition in developing countries to provide nutrition professionals with the proper tools for the assessment and evaluation

	of nutritional status. Each chapter addresses a specific nutrition challenge currently faced by developing countries such as food security, food safety, disease prevention, maternal health, and effective nutrition policy. In addition, the volume serves as an invaluable resource for those developing and implementing nutrition education programmes. With an emphasis on nutritional education as a means to prevent disease and effectively manage health disorders, it is the hope of the nearly three dozen contributors to this work that it will enhance the health and wellbeing of low income populations throughout the world."--

2.	Record Nr.	UNINA9910254306903321
	Autore	Iannelli Mimmo
	Titolo	The Basic Approach to Age-Structured Population Dynamics : Models, Methods and Numerics / / by Mimmo Iannelli, Fabio Milner
	Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2017
	ISBN	94-024-1146-1
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XII, 350 p. 77 illus., 20 illus. in color.)
	Collana	Lecture Notes on Mathematical Modelling in the Life Sciences, , 2193-4789
	Disciplina	576.58 577.88
	Soggetti	Biomathematics Applied mathematics Engineering mathematics Integral equations Differential equations, Partial Genetics and Population Dynamics Applications of Mathematics Integral Equations Partial Differential Equations
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.

Nota di contenuto	1 Why Age Structure? An Introduction -- 2 The Basic Linear Theory -- 3 Numerical Methods for the Linear Model -- 4 The Time-Dependent Case -- 5 Nonlinear Models -- 6 Stability of Equilibria -- 7 Numerical Methods for the Nonlinear Model -- 8 Global Behavior -- 9 Class-Age Structure for Epidemics -- 10 Epidemics and Demography -- A The Laplace Transform -- B Integral Equations Theory. References.
Sommario/riassunto	This book provides an introduction to age-structured population modeling which emphasises the connection between mathematical theory and underlying biological assumptions. Through the rigorous development of the linear theory and the nonlinear theory alongside numerics, the authors explore classical equations that describe the dynamics of certain ecological systems. Modeling aspects are discussed to show how relevant problems in the fields of demography, ecology, and epidemiology can be formulated and treated within the theory. In particular, the book presents extensions of age-structured modelling to the spread of diseases and epidemics while also addressing the issue of regularity of solutions, the asymptotic behaviour of solutions, and numerical approximation. With sections on transmission models, non-autonomous models and global dynamics, this book fills a gap in the literature on theoretical population dynamics. The Basic Approach to Age-Structured Population Dynamics will appeal to graduate students and researchers in mathematical biology, epidemiology and demography who are interested in the systematic presentation of relevant models and mathematical methods.