1. Record Nr. UNINA9910461322603321

Titolo	Treating eating disorders [[electronic resource]] : ethical, legal and personal issues / / edited by Walter Vandereycken and Pierre J.V. Beumont
Pubbl/distr/stampa	London, : Athlone Press, 1998
ISBN	1-283-19386-8 9786613193865 0-567-17674-6
Descrizione fisica	1 online resource (297 p.)
Collana	Studies in eating disorders
Altri autori (Persone)	VandereyckenWalter <1949-> BeumontPierre J. V
Disciplina	616.85/2606
Soggetti	Eating disorders - Treatment - Moral and ethical aspects Eating disorders - Law and legislation Psychotherapist and patient Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; Preface; List of Contributors; 1 Challenges and risks for health care professionals; 2 Knowable secrets: Transference and countertransference manifestations in eating disordered patients; 3 Gender of the therapist: Daring to ask the questions; 4 Personal experiences of a male therapist; 5 Families, therapists and family therapy in eating disorders; 6 Compulsory treatment of anorexia nervosa patients; 7 Food refusal, forced feeding and the law of England and Wales; 8 A plea against compulsory treatment of anorexia nervosa patients 9 Ethical considerations in the implementation of behaviour modification programmes in patients with anorexia nervosa: A historical perspective10 Counting the cash: Ethics and market forces in relation to the provision of treatment for eating disorders; 11 Treatment of eating disorders in the context of managed health care in the United States: A clinician's perspective; Index
Sommario/riassunto	Covers the major areas of pressure and responsibility upon practising

		therapists in the treatment of eating disorders, including the problems of transference, dealing with the patient's family, nursing care, issues of gender, compulsory treatment, food refusal and forced feeding, managed care, treatment facilities and terminal care.
2.	Record Nr.	UNINA9910300145203321
	Autore	Banasiak Jacek
	Titolo	Methods of Small Parameter in Mathematical Biology / / by Jacek Banasiak, Mirosaw Lachowicz
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2014
	ISBN	3-319-05140-7
	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (295 p.)
	Collana	Modeling and Simulation in Science, Engineering and Technology, , 2164-3679
	Disciplina	515.35
	Soggetti	Differential equations Biomathematics Ordinary Differential Equations Mathematical and Computational Biology Genetics and Population Dynamics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	1 Small parameter methods – basic ideas -- 2 Introduction to the Chapman–Enskog method – linear models with migrations -- 3 Tikhonov–Vasilyeva theory -- 4 The Tikhonov theorem in some models of mathematical biosciences -- 5 Asymptotic expansion method in a singularly perturbed McKendrick problem -- 6 Diffusion limit of the telegraph equation -- 7 Kinetic model of alignment -- 8 From microscopic to macroscopic descriptions. - 9 Conclusion.
	Sommario/riassunto	This monograph presents new tools for modeling multiscale biological processes. Natural processes are usually driven by mechanisms widely differing from each other in the time or space scale at which they operate and thus should be described by appropriate multiscale models. However, looking at all such scales simultaneously is often

infeasible, costly, and provides information that is redundant for a particular application. Hence, there has been a growing interest in providing a more focused description of multiscale processes by aggregating variables in a way that is relevant and preserves the salient features of the dynamics. The aim of this book is to present a systematic way of deriving the so-called limit equations for such aggregated variables and ensuring that the coefficients of these equations encapsulate the relevant information from the discarded levels of description. Since any approximation is only valid if an estimate of the incurred error is available, the tools described allow for proving that the solutions to the original multiscale family of equations converge to the solution of the limit equation if the relevant parameter converges to its critical value. The chapters are arranged according to the mathematical complexity of the analysis, from systems of ordinary linear differential equations, through nonlinear ordinary differential equations, to linear and nonlinear partial differential equations. Many chapters begin with a survey of mathematical techniques needed for the analysis. All problems discussed in this book belong to the class of singularly perturbed problems; that is, problems in which the structure of the limit equation is significantly different from that of the multiscale model. Such problems appear in all areas of science and can be attacked using many techniques. Methods of Small Parameter in Mathematical Biology will appeal to senior undergraduate and graduate students in appled and biomathematics, as well as researchers specializing in differential equations and asymptotic analysis.