

1. Record Nr.	UNINA9910793520303321
Autore	Fox William P. <1949->
Titolo	Advanced problem solving with Maple : a first course / / William P. Fox and William C. Bauldry
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, CRC Press, , 2020
ISBN	0-429-89134-2 0-429-89135-0 0-429-46963-2
Descrizione fisica	1 online resource (347 pages)
Disciplina	519.0285/53
Soggetti	Problem solving - Data processing Quantitative research - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	<p>Problem Solving is essential to solve real-world problems. Advanced Problem Solving with Maple: A First Course applies the mathematical modeling process by formulating, building, solving, analyzing, and criticizing mathematical models. It is intended for a course introducing students to mathematical topics they will revisit within their further studies. The authors present mathematical modeling and problem-solving topics using Maple as the computer algebra system for mathematical explorations, as well as obtaining plots that help readers perform analyses. The book presents cogent applications that demonstrate an effective use of Maple, provide discussions of the results obtained using Maple, and stimulate thought and analysis of additional applications. Highlights: The book's real-world case studies prepare the student for modeling applications Bridges the study of topics and applications to various fields of mathematics, science, and engineering Features a flexible format and tiered approach offers courses for students at various levels The book can be used for students with only algebra or calculus behind them About the authors: Dr. William P. Fox is an emeritus professor in the Department of Defense Analysis at the Naval Postgraduate School. Currently, he is an</p>

adjunct professor, Department of Mathematics, the College of William and Mary. He received his Ph.D. at Clemson University and has many publications and scholarly activities including twenty books and over one hundred and fifty journal articles. William C. Bauldry, Prof. Emeritus and Adjunct Research Prof. of Mathematics at Appalachian State University, received his PhD in Approximation Theory from Ohio State. He has published many papers on pedagogy and technology, often using Maple, and has been the PI of several NSF-funded projects incorporating technology and modeling into math courses. He currently serves as Associate Director of COMAP's Math Contest in Modeling (MCM).

2. Record Nr.	UNINA9910825657303321
Autore	Sylvestre Jean-Pierre
Titolo	Les mammiferes marins // Jean-Pierre Sylvestre
Pubbl/distr/stampa	Versailles : , : Editions Quæ, , [2018] ©2018
ISBN	2-7592-2905-X 2-7592-2904-1
Descrizione fisica	1 online resource (171 pages)
Collana	Carnets de Sciences
Disciplina	599.5
Soggetti	Marine mammals
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia