

1. Record Nr.	UNINA9910138343503321
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Titolo	Applications of MATLAB in science and engineering / / edited by Tadeusz Michalowski
Pubbl/distr/stampa	IntechOpen, 2011 [Place of publication not identified] : , : InTech, , [2011] ©2011
ISBN	953-51-5592-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (524 pages)
Disciplina	620
Soggetti	Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The book consists of 24 chapters illustrating a wide range of areas where MATLAB tools are applied. These areas include mathematics, physics, chemistry and chemical engineering, mechanical engineering, biological (molecular biology) and medical sciences, communication and control systems, digital signal, image and video processing, system modeling and simulation. Many interesting problems have been included throughout the book, and its contents will be beneficial for students and professionals in wide areas of interest.