1. Record Nr.   UNINA9910165099203321

   Autore   Harvey John

   Titolo   Amphetamines and pearls : a Scott Mitchell mystery / / John Harvey

   Pubbl/distr/stampa New York : , : MysteriousPress.com : , : Open Road Integrated Media, ,
                       2016

   ISBN   1-5040-3883-5

   Descrizione fisica 1 online resource (105 pages)

   Soggetti   Private investigators - Great Britain
                      Murder
                      Singers
                      Detective and mystery stories, English

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

2.

Record Nr.	UNINA9910810678303321
Autore	Yang Won-yong <1953->
Titolo	Electronic circuits with MATLAB, PSpice, and Smith Chart / / Won Y. Yang [and nine others]
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , [2020]
ISBN	1-5231-3297-3
	1-119-59896-6
	1-119-59897-4
Edizione	[1st edition]
Descrizione fisica	1 online resource (863 pages)
Disciplina	621.3815
Soggetti	Electronic circuit design - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Provides practical examples of circuit design and analysis using PSpice, MATLAB, and the Smith Chart This book presents the three technologies used to deal with electronic circuits: MATLAB, PSpice, and Smith chart. It gives students, researchers, and practicing engineers the necessary design and modelling tools for validating electronic design concepts involving bipolar junction transistors (BJTs), field-effect transistors (FET), OP Amp circuits, and analog filters. Electronic Circuits with MATLAB®, PSpice®, and Smith Chart presents analytical solutions with the results of MATLAB analysis and PSpice simulation. This gives the reader information about the state of the art and confidence in the legitimacy of the solution, as long as the solutions obtained by using the two software tools agree with each other. For representative examples of impedance matching and filter design, the solution using MATLAB and Smith chart (Smith V4.1) are presented for comparison and crosscheck. This approach is expected to give the reader confidence in, and a deeper understanding of, the solution. In addition, this text: Increases the reader's understanding of the underlying processes and related equations for the design and analysis of circuits Provides a stepping stone to RF (radio frequency) circuit design by demonstrating how MATLAB can be used for the design and

implementation of microstrip filters Features two chapters dedicated to the application of Smith charts and two-port network theory Electronic Circuits with MATLAB®, PSpice®, and Smith Chart will be of great benefit to practicing engineers and graduate students interested in circuit theory and RF circuits.