

1. Record Nr.	UNINA9910983332103321
Autore	Bachiller Soler Alfonso
Titolo	Theorems for Electrical Circuits : Theory and Solved Problems // by Alfonso Bachiller Soler, Ramón Cano González, Miguel Angel González Cagigal
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031749094 303174909X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (208 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 485
Altri autori (Persone)	Cano GonzálezRamón González CagigalMiguel Angel
Disciplina	621.3815
Soggetti	Electronic circuits Computer networks Engineering mathematics Electronic Circuits and Systems Computer Networks Engineering Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book focuses on the practical application of specific theorems in solving electrical circuits. Specifically, it covers the theorems of Superposition, Thevenin, Norton, and Maximum Power Transfer. The theory is kept concise, yet all the necessary concepts are explained, and plentiful problems are solved in detail. A vast amount of figures is used for a more effective learning. All in all, this book helps undergraduate and graduate students to develop the necessary skills to solve a broad range of transient exercises. It offers a unique complementary text to classical electric circuit textbooks, for students and self-study, as well.