

1.	Record Nr.	UNINA9910891478303321
	Titolo	Fighting Corruption in Transition Economies (Russian version) / / Organisation for Economic Co-operation and Development
	Pubbl/distr/stampa	Paris, : OECD Publishing Paris : , : OECD Publishing, , 2006
	ISSN	1990-5076
	Descrizione fisica	1 online resource
	Disciplina	364.1323
	Soggetti	Political corruption - Prevention Corruption - Economic aspects
	Lingua di pubblicazione	Russo
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
2.	Record Nr.	UNINA9910962862503321
	Autore	Karris Steven T
	Titolo	Electronic devices and amplifier circuits with MATLAB / Simulink / SimElectronics examples / / Steven T. Karris
	Pubbl/distr/stampa	[Fremont, CA], : Orchard Publications, c2012
	ISBN	1-283-55000-8 9786613862457 1-934404-26-8
	Edizione	[3rd ed.]
	Descrizione fisica	1 online resource (664 p.)
	Disciplina	621.3815
	Soggetti	Electronic apparatus and appliances Amplifiers (Electronics)
	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.

""Electronic Devices front cover, THIRD""; ""Electronic Devices back cover, THIRD""; ""Front Matter Electronic Devices THIRD Book""; ""Preface Electronic Devices THIRD""; ""TOC Elex THIRD""; ""Table of Contents""; ""Chapter 01 Electronic Devices THIRD""; ""Chapter 02 Electronic Devices THIRD""; ""Chapter 2""; ""2.1 Electrons and Holes""; ""2.2 The Junction Diode""; ""2.3 Graphical Analysis of Circuits with Non-Linear Devices""; ""2.4 Piecewise Linear Approximations""; ""2.5 Low Frequency AC Circuits with Junction Diodes""; ""2.6 Junction Diode Applications in AC Circuits""; ""2.7 Peak Rectifier Circuits""; ""2.8 Clipper Circuits""; ""2.9 DC Restorer Circuits""; ""2.10 Voltage Doubler Circuits""; ""2.11 Diode Applications in Amplitude Modulation (AM) Detection Circuits""; ""2.12 Diode Applications in Frequency Modulation (FM) Detection Circuits""; ""2.13 Zener Diodes""; ""2.14 The Schottky Diode""; ""2.15 Tunnel Diode""; ""2.16 The Varactor""; ""2.17 Optoelectronic Devices""; ""2.18 Summary""; ""2.19 Exercises""; ""2.20 Solutions to End-of-Chapter Exercises""; ""Chapter 03 Electronic Devices THIRD""; ""Chapter 3""; ""3.1 Introduction""; ""3.2 NPN Transistor Operation""; ""3.3 The Bipolar Junction Transistor as an Amplifier""; ""3.3.1 Equivalent Circuit Models - NPN Transistors""; ""3.3.2 Equivalent Circuit Models - PNP Transistors""; ""3.3.3 Effect of Temperature on the - Characteristics""; ""3.3.4 Collector Output Resistance - Early Voltage""; ""3.4 Transistor Amplifier Circuit Biasing""; ""3.5 Fixed Bias""; ""3.6 Self-Bias""; ""3.7 Amplifier Classes and Operation""; ""3.3.1 Class A Amplifier Operation""; ""3.3.2 Class B Amplifier Operation""; ""3.3.3 Class AB Amplifier Operation""; ""3.3.4 Class C Amplifier Operation""; ""3.4 Graphical Analysis""; ""3.5 Power Relations in the Basic Transistor Amplifier""; ""3.6 Piecewise-Linear Analysis of the Transistor Amplifier""; ""3.7 Incremental Linear Models""; ""3.8 Transconductance""; ""3.9 High-Frequency Models for Transistors""; ""3.10 The Darlington Connection""; ""3.11 Transistor Networks""; ""3.3.1 The h-Equivalent Circuit for the Common-Base Transistor""; ""3.3.2 The T-Equivalent Circuit for the Common-Base Transistor""; ""3.3.3 The h-Equivalent Circuit for the Common-Emitter Transistor""; ""3.3.4 The T-Equivalent Circuit for the Common-Emitter Transistor""; ""3.3.5 The h-Equivalent Circuit for the Common-Collector Transistor""; ""3.3.6 The T-Equivalent Circuit for the Common-Collector Transistor Amplifier""; ""3.4 Transistor Cutoff and Saturation Regions""; ""3.3.1 Cutoff Region""; ""3.3.2 Active Region""; ""3.3.3 Saturation Region""; ""3.4 The Ebers-Moll Transistor Model""; ""3.5 Schottky Diode Clamp""; ""3.6 Transistor Specifications""; ""3.7 Summary""; ""3.8 Exercises""; ""3.9 Solutions to End-of-Chapter Exercises""; ""Chapter 04 Electronic Devices THIRD""; ""Chapter 05 Electronic Devices THIRD""; ""Chapter 5""; ""5.1 Operational Amplifier""; ""5.2 An Overview of the Op Amp""

Sommario/riassunto

This is an introductory text containing the description and applications of state-of-the-art solid-state electronic devices. It includes many practical examples to illustrate their use.