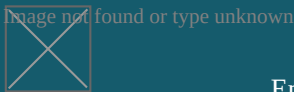
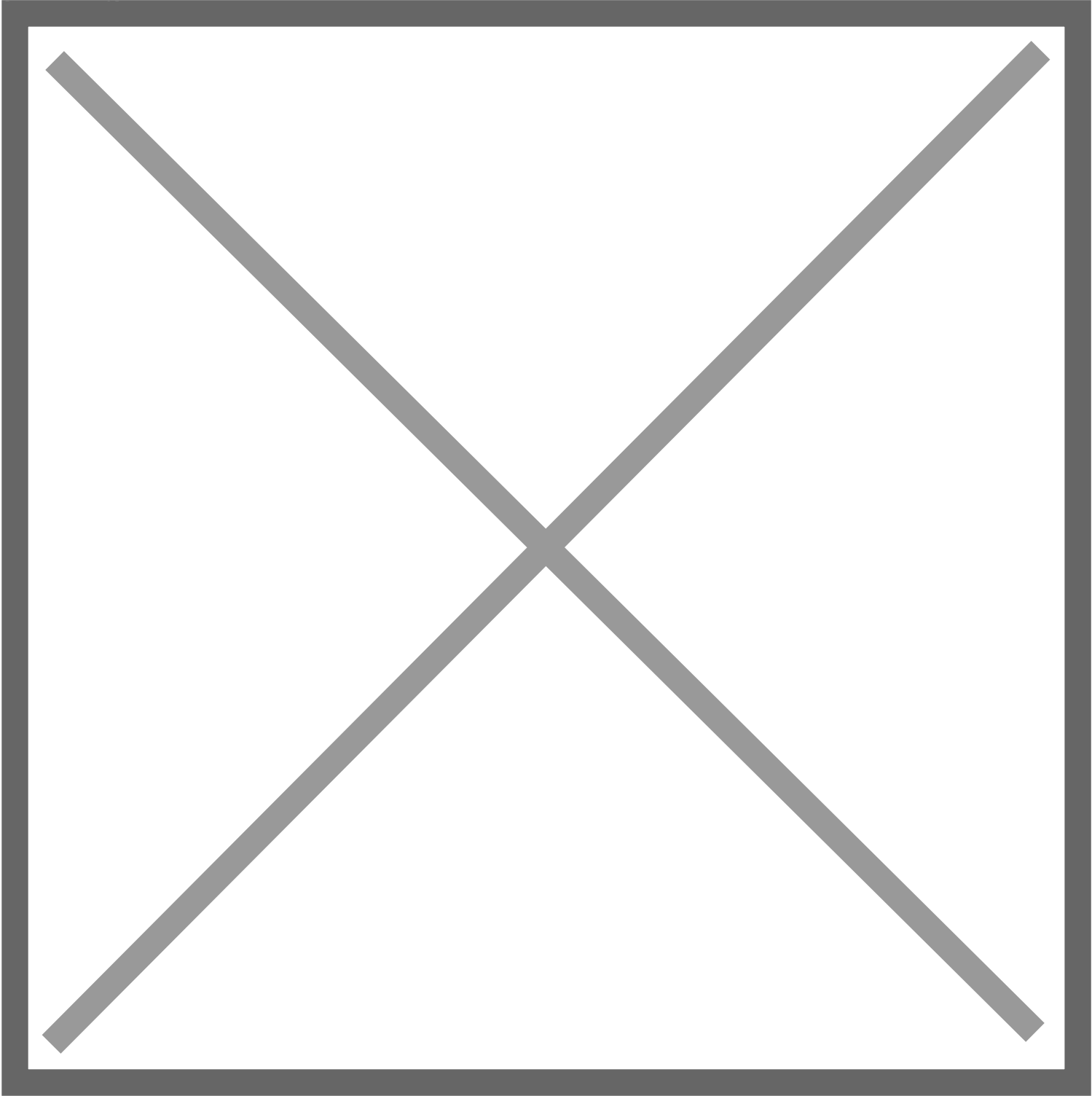


Image not found or type unknown



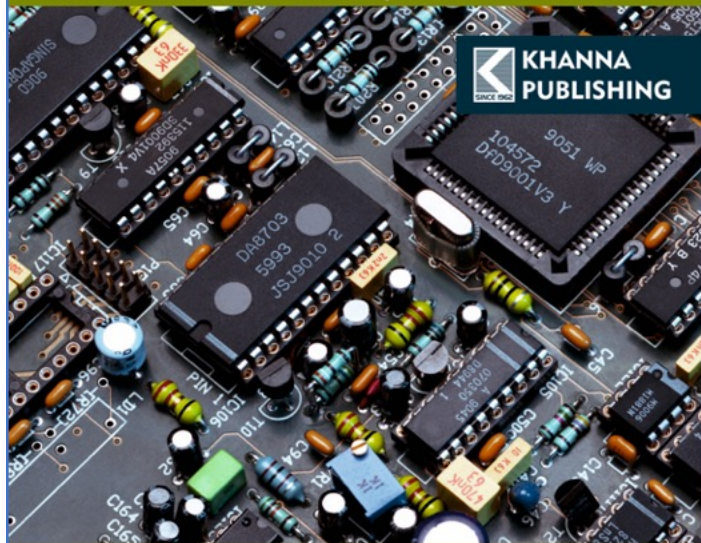
Khanna Publishing Hose

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

AICTE Recommended Textbook as per Model Curriculum - 2018

 **KHANNA
PUBLISHING**



ANALOG ELECTRONICS

A. K. Maini | Varsha Agrawal

Analog Electronics

Author
: A.K. Maini

ISBN
13 : 978-93-86173-58-4

ISBN
10 : 93-86173-58-1

E-
ISBN 978-93-86173-58-4
13 :

Edition
: First

Pages
: 664

Type
of
book
: Paperback

Year
: 2022

Language
: English

Publisher
: Khanna Publishing House

Price
: Rs 374.25

Categories
: [Electrical, Electronics & Communication Engineering](#),
[UNIVERSITY RECOMMENDED](#), [Electrical, Electronics
& Communication Engineering](#), [New Arrivals](#), [Khanna
Publishing House](#)

Condition
Type
: New

Country
Origin
: India

Product Description

Analog Electronics is a complete and yet concise textbook on Analog Electronics covering Semiconductor Devices and associated circuits. Major topics covered in the book include Semiconductor device fundamental, Small signal and Large signal analysis of amplifiers, Low and High frequency response of amplifiers, Sinusoidal and Non-sinusoidal oscillators, feedback amplifiers, Operational amplifiers and application circuits, D/A and A/D converters and finally Switched capacitor circuits. the contents are strictly as per the syllabus as prescribed by AICTE. the book is replete with Solved problems and Self-evaluation exercises including Multiple choice question with answers.



Khanna Publishing Hose

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

Table of Contents

Chapter-1: Semiconductor Diodes-Fundamentals, Types and Circuits

Chapter-2: Bipolar Junction Transistor

Chapter-3: Field- Effect Transistors

Chapter-4: Small Signal Analysis of Amplifiers

Chapter-5: Multistage Amplifiers

Chapter-6: Large Signal Amplifiers

Chapter-7: Feedback Amplifiers

Chapter-8: Oscillators- Sinusoidal and Non-Sinusoidal

Chapter-9: Introduction to Operational Amplifiers

Chapter-10: Opamp Circuits

Chapter-11: Digital-to-Analog and Analog-to-Digital Converters

Chapter-12: Switched Capacitor Circuits

INDEX

Author

A.K. Maini

Dr. Anil K. Maini served Defence Research and Development Organisation (DRDO) for 36 years in different capacities. Before superannuation, he served as Director of Laser Science and Technology Centre (DRDO) from September 2008 to June 2014. His areas of expertise include Optoelectronic simulators and sensors, Laser systems, Electro-optic countermeasures and High voltage electronics. He has authored and co-authored 15 books more than 150 publications in national/international journals/magazines and has 12 patents (four granted, eight pending) to his credit. Currently, he is Consultant in Defence Technologies.

Varsha Agrawal

Varsha Agrawal is a Senior Scientist with DRDO. She has more than 19 years of R&D experience in Laser Systems, Optronics sensor systems and Embedded electronics. She has authored and co-authored five books and has a large number of publications in national and international journals/magazines and has one patent to her credit.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320