

Computer Graphics

Author :	Gautam Roy
ISBN 13 :	978-81-87325-41-3
ISBN 10 :	81-87325-41-0
E-ISBN 13 :	978-81-87325-41-3
Edition :	1
Pages :	452
Type of book :	Paperback
Weight (g) :	621.00
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
Regular Price :	Rs 195.00
Sale Price :	Rs 156.00
Categories :	All books , Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book is basically made for the B.E. and M.C.A. level of students thought it will be immense helpful for all- who want to learn the subject computer graphics as a whole. The book covers the complete area of computer graphics, especially on the theories and application parts related to real life problems and their corresponding operation procedures. The book consists of more than 100 ready to use examples, ample number of related figures and sketches to supplement the theories have also been incorporated. The theories and examples are illustrated with a very lucid and easy to understand language which will be of immense helpful to the readers, students in particular. This book will not only be helpful to the students of computer graphics, but it will also help all the students and professionals who want to learn computer graphics and its multifaceted uses.



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Table of Contents

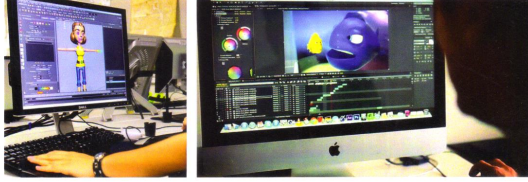
Chapter 1: Introduction to Computer Graphics Chapter 2: Elementary Drawing Algorithms Chapter 3: Transformation
Chapter 4: Three Dimensional Graphics System Chapter 5: Graphics Application Area Chapter 6: Programming
Examples

Author

Gautam Roy Dr. Gautam Roy obtained his B.E.E., M.E.E and Ph.D. degrees from Jadavpur University, Kolkata and was awarded the foreign fellowship to work abroad. He was attached with different hardware and software consultancy jobs and acted as senior faculty members to different reputed institutes like Institution of Engineers, The Institute of Computer Engineers (India), St. Xavier's College Computer Centre, Rabindra Bharati University Computer Centre, Institute of Modern Management and many others and was actively attached in the field of education for nearly two decades. he was also a paper setter and examiner of different universities and professional examinations. Currently Dr. Roy is working as Senior Scientist in the field of computer applications in a government research laboratory.



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2018



Multimedia and Animation



V.K. Jain

Multimedia and Animation

Author : V.K. Jain

ISBN 13 : 978-93-86173-12-6

ISBN 10 : 93-86173-12-3

E-ISBN 13 : 978-93-86173-12-6

Edition : First

Pages : 452

Type of book : Paperback

Year : 2023

Language : English

Publisher : Khanna Publishing House

Regular Price : Rs-499.00

Sale Price : Rs 399.20

Categories : [All books](#), [Computer Science Engineering](#), [Computer Science Engineering](#), [New Arrivals](#), [UNIVERSITY RECOMMENDED](#)

Condition Type : New

Country Origin : India

Product Description

The overall goal of the book is to provide a broad understanding of multimedia systems and applications in an integrated manner. A user enjoys multimedia application only if all the pieces of the end-to-end solution fit together. This means that a multimedia application and its user interface must be developed in an integrated fashion with underlying multimedia middleware, operating systems, networks, security, and multimedia device. The book explains the fundamental concepts of storage, compression and decompression, and display technologies used for multimedia systems.



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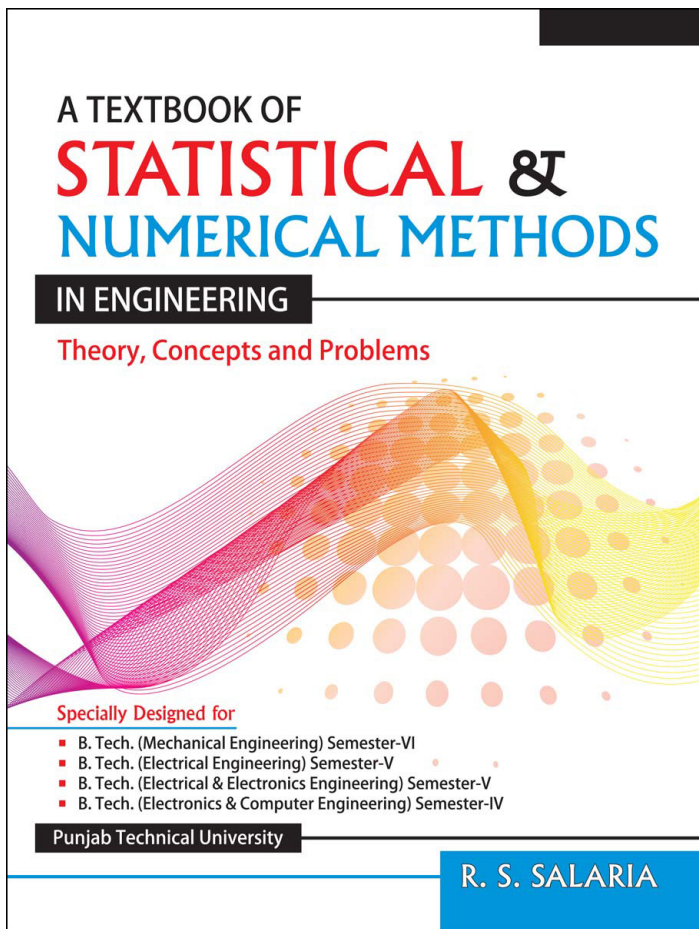
Table of Contents

Chapter-1: Introduction to Multimedia and Animation Chapter-2: Multimedia Hardware and Software Tools Chapter-3: Multimedia Colour and Design Chapter-4: Multimedia Text and Hypertext Chapter-5: Multimedia Images and Graphics Chapter-6: Audio Fundamentals and Representations Chapter-7: Video Processing Chapter-8: Animation Chapter-9: Multimedia Authoring Tools Chapter-10: Internet, Web and Social Media Chapter-11: Wireless Multimedia Chapter-12: Multimedia projects: Multimedia Skills

Author

V.K. Jain Dr. V.K. Jain is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on "Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the premier Institution of India IIT (Indian Institute of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultant engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.





A Textbook of Statistical & Numerical Methods in Engineering

Author :	R.S. Salaria
ISBN 13 :	978-93-82609-95-7
ISBN 10 :	93-82609-95-4
E-ISBN 13 :	978-93-82609-95-7
Edition :	1
Pages :	452
Type of book :	Paperback
Weight (g) :	670.00
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
Regular Price :	Rs 350.00
Sale Price :	Rs 280.00
Categories :	All books , Engineering Mathematics
Condition Type :	New
Country Origin :	India

Product Description

The subject of A Textbook of Statistical & Numerical Methods is one of the courses in the curriculum of almost all universities and other institutes offering undergraduate and postgraduate courses in Engineering and Physical Science. The Book is designed to serve as a textbook for the students of Bachelor of Technology in Mechanical Engineering, Electrical Engineering, Electrical & Electronics Engineering and Electronics & Computer Engineering of Punjab Technical University. Even the Practicing Engineers and researchers will also find it useful as reference book. The level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every thing you need on the subject of Statistical & Numerical Methods.

Table of Contents

- Chapter 1: Data, Its Arrangements and Measures
- Chapter 2: Probability and Probability Distributions
- Chapter 3: Sampling and Sampling Distributions
- Chapter 4: Errors in Numerical Calculations
- Chapter 5: Solution of Algebraic and Transcendental Equations
- Chapter 6: Interpolation Methods
- Chapter 7: Curve Fitting
- Chapter 8: Numerical Differentiation
- Chapter 9: Numerical Integration
- Chapter 10: Solution of Linear Systems of Equations
- Chapter 11: Numerical Solution of Ordinary & Partial Differential Equations
- Appendix A: Listing of Selected Programs in C++
- Appendix B: Statistical Tables



Author

R.S. Salaria Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>

