



# ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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## E-BOOKS

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## DEPARTMENT WISE DETAILS

S. NO.	DEPARTMENT	NO. OF E-BOOKS
1	Computer Science and Engineering & Artificial Intelligence and Machine Learning	355
2	Electronics and Communication Engineering	140
3	Electrical and Electronics Engineering	132
4	Mechanical Engineering	163
5	Science and Humanities	411



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING & ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

S.NO.	TITLE OF THE BOOK
1	Think Data Structures
2	Data Structures and Algorithms
3	Elementary Algorithms
4	Purely Functional Data Structures
5	Algorithms and Data Structures: With Applications to Graphics and Geometry
6	A Platform for Combinatorial and Geometric Computing
7	Computer Arithmetic of Geometrical Figures: Algorithms and Hardware Design
8	Introduction to Design Analysis of Algorithms
9	Open Data Structures: An Introduction
10	Problem Solving with Algorithms and Data Structures Using Python
11	Algorithms
12	Data Structures and Algorithm Analysis in Java
13	Data Structures and Algorithm Analysis in C++
14	Randomized Algorithms
15	Search Algorithms and Applications
16	Algorithms and Data Structures: The Basic Toolbox
17	Algorithms and Data Structures for External Memory
18	Vector Models for Data-Parallel Computing
19	The Design of Approximation Algorithms
20	A Practical Introduction to Data Structures and Algorithm Analysis
21	Essentials of Metaheuristics
22	Efficient Algorithms for Sorting and Synchronization
23	Lecture Notes on Bucket Algorithms
24	Modern Computer Arithmetic
25	Data Structures and Algorithms
26	Knapsack Problems: Algorithms and Computer Implementations
27	Average Case Analysis of Algorithms on Sequences)Algorithms and Data Structures
28	Algorithms for Clustering Data
29	Tabu Search
30	Greedy Algorithms
31	Data Structures and Algorithms: Annotated Reference with Examples
32	Algorithms for Modular Elliptic Curves
33	Algorithms



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34	Algorithms: Fundamental Techniques
35	Computational Geometry: Methods and Applications
36	Algorithmic Mathematics
37	Planning Algorithms
38	Problems on Algorithms, 2nd edition
39	Design and Analysis of Computer Algorithms
40	Design and Analysis of Algorithms
41	Combinatorial Algorithms
42	Algorithms and Complexity
43	Human and Machine Consciousness
44	Interacting with Presence
45	Human Computer Confluence
46	Bayesian Network
47	Building the Second Mind: 1956 and the Origins of Artificial Intelligence Computing
48	The Thousand Faces of Virtual Reality
49	Ethical Artificial Intelligence
50	Artificial Intelligence and Cognition
51	Computers and Thought: A practical Introduction to Artificial Intelligence
52	Design: Creation of Artifacts in Society
53	The World and Mind of Computation and Complexity
54	Virtual Reality: Human Computer Interaction
55	The Age of Intelligent Machines
56	Artificial Intelligence: Foundations of Computational Agents
57	Mathematical Linguistics
58	Fault Detection
59	Multiagent Systems: Algorithmic, Game-Theoretic, and Logical Foundations
60	Ambient Intelligence
61	Self-Organizing Maps
62	Autonomous Agents
63	Artificial Intelligence - Agents and Environments
64	Artificial Intelligence - Agent Behaviour
65	The Quest for Artificial Intelligence
66	Computational Intelligence and Modern Heuristics
67	Artificial Intelligence through Prolog
68	Swarm Intelligence: Focus on Ant and Particle Swarm Optimization
69	Encyclopedia of Computational Intelligence
70	The Boundaries of Humanity: Humans, Animals, Machines
71	Affective Computing
72	Artificial Intelligence and Responsive Optimization
73	Artificial Intelligence and Molecular Biology
74	Brief Introduction to Educational Implications of Artificial Intelligence



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75	Parallel Algorithms
76	BIG CPU, BIG DATA: Solving the World's Toughest Problems with Parallel Computing
77	Distributed Systems for Fun and Profit
78	Distributed Detection and Estimation in Wireless Sensor Networks
79	Programming on Parallel Machines
80	Petri Nets: Manufacturing and Computer Science
81	Parallel Complexity Theory
82	Is Parallel Programming Hard, And, If So, What Can You Do About It?
83	How to Write Parallel Programs: A First Course
84	Parallel Computing Works!
85	Parallel and Distributed Computation: Numerical Methods
86	A Framework for Enabling Distributed Applications on the Internet.
87	Vector Models for Data-Parallel Computing
88	Introduction to Parallel Computing
89	Parallel Computing: Architectures, Algorithms and Applications
90	Parallel Programming with Microsoft .NET
91	An introduction to one-way quantum computing in distributed architectures.
92	Introduction to Distributed Systems
93	The Practice of Parallel Programming
94	PVM: Parallel Virtual Machine.
95	Linux Parallel Processing HOWTO
96	Concurrent Programming in Erlanger
97	Designing and Building Parallel Programs
98	Database Design - 2nd Edition
99	Refining the Concept of Scientific Inference When Working with Big Data
100	Databases, Types, and The Relational Model: The Third Manifesto
101	Database Explorations
102	Elastic search: The Definitive Guide
103	Temporal Database Management
104	A Programmer's Guide to Data Mining
105	Elements of Relational Database Theory
106	Theory and Applications for Advanced Text Mining
107	Foundations of Databases
108	Internet Advertising
109	The Theory of Relational Databases
110	Data-Intensive Text Processing with MapReduce
111	Data Mining Algorithms In R
112	An Introduction to Data Mining
113	Mining of Massive Datasets
114	Database Fundamentals



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115	Multi-Relational Data Mining
116	Natural Language Interfaces to Databases: An Introduction
117	Readings in Database Systems
118	Database Systems and Structures
119	Data Mining Desktop Survival Guide
120	Introduction to Metadata)Database design with UML and SQL
121	The Relational Model for Database Management
122	An Introduction to Relational Database Theory
123	XML and Databases
124	Data Mining in Medical and Biological Research
125	Data Mining and Knowledge Discovery in Real Life Applications
126	Data Modeling Techniques for Data Warehousing
127	Forensic Analysis of Database Tampering
128	Concurrency Control and Recovery in Database Systems
129	Information and Coding
130	Error-Correction Coding and Decoding
131	Around Kolmogorov Complexity: Basic Notions and Results
132	Information, Entropy and Their Geometric Structures
133	Essential Coding Theory
134	Data Compression Explained
135	A primer on information theory, with applications to neuroscience
136	Data Compression
137	From Classical to Quantum Shannon Theory
138	Logic and Information
139	Conditional Rate Distortion Theory
140	Algorithmic Information Theory
141	The Limits of Mathematics
142	Quantum Information Theory
143	Theory of Quantum Information
144	Generalized Information Measures and Their Applications
145	Information Theory, Excess Entropy and Statistical Complexity
146	Information Theory and Statistical Physics
147	Quantum Information Theory
148	Lecture Notes on Network Information Theory
149	Information-Theoretic Incompleteness
150	A Short Course in Information Theory
151	Entropy and Information Theory
152	Information Theory and Coding
153	Network Coding Theory
154	A Mathematical Theory of Communication
155	Information Theory, Inference, and Learning Algorithms



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156	An Introduction to Ontology Engineering
157	Ontology in Information Science
158	Validating RDF Data
159	Data Science at the Command Line
160	Managing the Digital Library
161	Global Library and Information Science
162	Big Data on Real-World Applications
163	Information Systems Foundations: The Role of Design Science
164	Applications of ICT in Libraries
165	Thinking Networks: The Large and Small of it
166	Models and Theories in Human-Computer Interaction
167	Mastering the Information Age: Solving Problems With Visual Analytics
168	Bisociative Knowledge Discovery
169	Semantic Web And Ontology
170	Introduction to Archival Organization and Description
171	Introduction to Vocabularies: Enhancing Access to Cultural Heritage Information
172	Introduction to Imaging
173	Introduction to Controlled Vocabularies: Terminologies for Art, Architecture, and Other Cultural Works
174	Internet Informed: Guidance for the Dedicated Searcher
175	Best of Both Worlds: Museums, Libraries, and Archives in a Digital Age
176	A Guide to Documentary Editing
177	Introduction to Data Science
178	Bibliometrics as a Research Field
179	Knowledge Technologies
180	Linked Data: Evolving the Web into a Global Data Space
181	Usage Bibliometrics
182	Practical Semantic Web and Linked Data Applications
183	Document Image Analysis
184	Semantic Web
185	Human Computer Interaction: New Developments
186	Human Computer Interaction
187	Information Systems Foundations: Constructing and Criticizing
188	Strategies for Sustaining Digital Libraries
189	Discovering Information Systems
190	Information Systems
191	From Algorithms to Z-Scores: Probabilistic and Statistical Modeling in Computer Science
192	The Nature of Code: Simulating Natural Systems with Processing
193	Simulation with Any Logic
194	Mathematics of Human Motion: from Animation towards Simulation



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195	Modeling Simulation and Optimization: Focus on Applications
196	Synchronization and Linearity: An Algebra for Discrete Event Systems
197	Modeling, Simulation and Optimization: Tolerance and Optimal Control
198	Shape Interrogation for Computer Aided Design and Manufacturing
199	Fuzzy Systems
200	Dynamic Modelling
201	Understanding Computer Simulation
202	Simulated Annealing
203	Modelling and Simulation
204	Modeling with Data: Tools and Techniques for Scientific Computing
205	Physical Modeling in MATLAB
206	Simulating Humans: Computer Graphics Animation and Control
207	Computer Simulation Techniques - The Definitive Introduction
208	Program Analysis (an Appetizer)
209	Elements of Programming
210	The Design and Implementation of Probabilistic Programming Languages
211	Concrete Semantics: With Isabelle/HOL
212	Anatomy of Programming Languages
213	Programming and Programming Languages
214	Lecture Notes on Static Analysis
215	Topics in History and Comparing Programming Languages
216	Introduction to Programming Languages
217	Programming Languages: Theory and Practice
218	Semantics of Programming Languages
219	Linkers and Loaders
220	The Theory of Languages and Computation
221	Semantics: Advances in Theories and Mathematical Models
222	Exploring Programming Language Architecture in Perl
223	Formal Languages
224	Formal Language Theory for Natural Language Processing
225	Lectures on the Curry-Howard Isomorphism
226	The Z Notation: A Reference Manual
227	Lecture Notes on the Lambda Calculus
228	Compositional Semantics
229	Comparative Studies of Programming Languages
230	Let Over Lambda: 50 Years of Lisp
231	Proofs and Types
232	Dictionary of Programming Languages
233	Implementing Functional Languages: a tutorial
234	Formal Syntax and Semantics of Programming Languages
235	Computational Category Theory



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236	Categories, Types, and Structures
237	Understanding Programming Languages
238	Partial Evaluation and Automatic Program Generation
239	Type Systems for Programming Languages
240	Practical Foundations for Programming Languages
241	Semantics With Applications: A Formal Introduction
242	Reasoned Programming
243	Denotational Semantics: A Methodology for Language Development
244	A Practical Theory of Programming
245	Programming Languages: Application and Interpretation
246	Structure and Interpretation of Computer Programs
247	Security and Privacy in Wireless and Mobile Networks
248	Passwords: Guised Indispensable's or Liabilities?
249	Software Update as a Mechanism for Resilience and Security
250	The Security Development Lifecycle
251	Markets for Cybercrime Tools and Stolen Data: Hackers' Bazaar
252	Good Digital Hygiene: A guide to staying secure in cyberspace
253	Provable Security of Networks
254	Cryptography and Security in Computing
255	Security Enhanced Applications for Information Systems
256	Security and Privacy for Microsoft Office 2010 Users
257	Cyber Infrastructure Protection
258	Information Security in Education
259	Policing Cyber Crime
260	What If Crime Were Impossible?
261	Fundamentals of Media Security
262	The Protection of Information in Computer Systems
263	Safeguarding Your Technology
264	Security Concepts
265	A Guide to Claims-Based Identity and Access Control
266	The Antivirus Defense-in-Depth Guide
267	The Open-source PKI Book
268	Handbook of Information Security Management
269	Cryptography and Data Security
270	Rethinking Public Key Infrastructures and Digital Certificates
271	Security+ Essentials
272	IT Security Cookbook
273	Forensic Analysis of Database Tampering
274	The Developer Highway Code
275	Security Engineering: A Guide to Building Dependable Distributed Systems
276	Forensic Discovery



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277	An Introduction to Computer Security: The NIST Handbook
278	Scientific Programming and Computer Architecture
279	Introduction to Software Engineering
280	SOA eBook: Patterns, Mashups, Governance, Service Modeling, and More
281	Jumpstart to Software Quality Assurance
282	Software Fault Tolerance
283	Software Product Line: Advanced Topic
284	Handbook of Software Reliability Engineering
285	The Elements of Computing Systems
286	A Quick and Gentle Guide to Constraint Logic Programming via ECLiPSe
287	Software Architecture
288	Know ware: the third star after Hardware and Software
289	Acceptance Test Engineering Guide
290	SOA Source Book
291	The Grand Unified Theory of Software Engineering
292	Software Foundations
293	Specifying Systems
294	Introduction to Reverse Engineering Software
295	Advances in Human Computer Interaction
296	Practical Tips for Software-Intensive Student Projects.
297	Software Engineering with Reusable Components
298	Software Engineering
299	Recommended Approach to Software Development
300	Function Points Analysis Training Course
301	Case Studies in Systematic Software Development
302	Software Engineering for Internet Applications
303	Communicating Sequential Processes
304	The Guide to the Software Engineering Body of Knowledge
305	New-books in Theory of Computation category
306	Models of Computation: Exploring the Power of Computing
307	Introduction to Theory of Computation
308	Bayesian Computational Methods
309	Rule-based Computation and Deduction
310	Applicative Computing: Its quarks, atoms and molecules
311	Logic and Proof
312	Languages and Machines
313	Introduction to Computing: Explorations in Language, Logic, and Machines
314	Cellular Automata And Complexity: Collected Papers
315	Galois Connections and Fixed Point Calculus
316	An Introduction to the Theory of Computation
317	Problem Solving for Coding Interviews



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318	The Black Art of Programming
319	Windows Programming
320	So You Want to Learn to Program?
321	The Little Introduction To Programming
322	Zen Style Programming
323	The Practice of Parallel Programming
324	Watch What I Do: Programming by Demonstration
325	Computer Science: Abstraction to Implementation
326	Programming from Specifications
327	Learn to Program
328	Programming Pearls
329	Foundations of Computer Science
330	Inductive Logic Programming: Theory and Methods
331	The Craft of Programming
332	Concepts, Techniques, and Models of Computer Programming
333	Numerical Algorithms: Methods for Computer Vision, Machine Learning, and Graphics
334	Curves and Surfaces in Geometric Modeling: Theory and Algorithms
335	Fractals
336	Probabilistic Programming and Bayesian Methods for Hackers
337	Mathematics in the Age of the Turing Machine
338	The Life of Pi: From Archimedes to Eniac and Beyond
339	Pictures of Julia and Mandelbrot Sets
340	Think Stats: Probability and Statistics for Programmers
341	Isabelle/HOL: A Proof Assistant for Higher-Order Logic
342	Computer Algebra, Algorithms, Systems and Applications
343	Algorithms in Real Algebraic Geometry
344	Implementing Mathematics with The Nuprl Proof Development System
345	Algorithmic Algebra
346	An Architecture for Combinator Graph Reduction
347	Strange Attractors: Creating Patterns in Chaos
348	Art Gallery Theorems and Algorithms
349	Axiom: The Scientific Computation System
350	Mathematics for Computer Scientists
351	Mathematical Illustrations: A Manual of Geometry and PostScript
352	Mathematics for Algorithm and Systems Analysis
353	Vector Math for 3D Computer Graphics
354	Algorithmic Mathematics
355	A Computational Introduction to Number Theory and Algebra



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.NO.	TITLE OF THE BOOK
1	R-F Amplifiers
2	Guided-Wave Optics
3	FM: An Introduction to Frequency Modulation
4	Frequency Modulation
5	Electronics: Communications
6	Clock and Data Recovery
7	Basic Queueing Theory
8	Introduction to Queueing Theory and Stochastic Teletraffic Models
9	Antennas: Theory and Practice
10	Ultra-Wideband Radio Technologies for Communications, Localization and Sensor Applications
11	Advancement in Microstrip Antennas with Recent Applications
12	Optical Communication
13	Communication Networks
14	Advances in Cognitive Radio Systems
15	Principles of Digital Communications
16	A Foundation in Digital Communication
17	Telecommunications Networks: Current Status and Future Trends
18	Global Navigation Satellite Systems: Signal, Theory and Applications
19	Communication Systems
20	Communication Systems
21	Ultra-Wideband Communications: Novel Trends - System, Architecture and Implementation
22	Advances in Satellite Communications
23	Digital Encoding and Decoding
24	Cellular Networks: Positioning, Performance Analysis, Reliability
25	Principles of Communication
26	Microwave and Millimeter Wave Technologies
27	Trends in Telecommunications Technologies
28	Radio Communications
29	Passive Microwave Components and Antennas
30	Frontiers in Guided Wave Optics and Optoelectronics
31	Integrated Communications Management of Broadband Networks
32	Wireless Communications: Signal Processing Perspectives
33	Fiber Optic Data Communications for the Premises Environment.
34	Understanding Optical Communications



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35	Principles of Digital Communication and Coding
36	Broadband Direct-Coupled and Matching RF Networks
37	Radio Receivers
38	Handbook of Optical Through the Air Communications
39	Electromagnetic Waves and Antennas
40	Fundamentals of Wireless Communication
41	Wireless Networking in the Developing World
42	Understanding OSI
43	Radio Antenna Engineering
44	Communication Network Analysis
45	A Mathematical Theory of Communication
46	Bayesian Methods in the Search for MH370
47	Signal Computing: Digital Signals in the Software Domain
48	Bayesian Inference
49	Fourier Transforms: High-tech Application and Current Trends
50	Audio Signal Processing
51	Think DSP: Digital Signal Processing in Python
52	Fourier Transform: Signal Processing and Physical Sciences
53	Statistical Spectral Analysis: A Non-Probabilistic Theory
54	Digital Filters and Signal Processing
55	Signal Processing for Communications
56	Fourier Transform - Signal Processing
57	Notes on the Design of Optimal FIR Filters
58	Concise Signal Models
59	Digital Filters
60	The Fundamentals of Signal Analysis
61	Signal Processing
62	Introduction To Random Processes
63	Elements of Signal Detection and Estimation
64	Optimum Signal Processing
65	Introduction to Signal Processing
66	R. R. Bahadur's Lectures on the Theory of Estimation
67	Kalman Filter
68	The Fourier Transform and its Applications
69	Physical Audio Signal Processing
70	Wireless Communications: Signal Processing Perspectives
71	Hidden Markov Models: Estimation and Control
72	Optimal Filtering
73	An Exploration of Random Processes for Engineers
74	Structure and Interpretation of Signals and Systems
75	Nonlinear Parameter Estimation: An Integrated System in Basic



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76	Fast Fourier Transforms
77	Kalman Filter Recent Advances and Applications
78	Detection of Abrupt Changes: Theory and Application
79	Bayesian Spectrum Analysis and Parameter Estimation
80	(DSP: Designing for Optimal Results
81	Advances in Sonar Technology.
82	Digital Signal Processing and Analysis
83	Principles of Computerized Tomographic Imaging
84	The Theory of Linear Prediction.
85	Mixed-signal and DSP Design Techniques
86	Mathematics of the Discrete Fourier Transform (DFT): with Audio Applications
87	Introduction to Digital Filters: with Audio Applications
88	The Scientist and Engineer's Guide to Digital Signal Processing
89	Modern Signal Processing
90	An Introduction to Statistical Signal Processing
91	Electro mechanisms: Servomechanisms
92	Geometry and Screw Theory for Robotics
93	Robot Localization and Map Building
94	Remote and Tele robotics
95	Robot Manipulators: Trends and Development
96	Mobile Robots Navigation
97	Cutting Edge Robotics 2010
98	Service Robot Applications
99	Recent Advances in Multi Robot Systems
100	New Approaches in Automation and Robotics
101	Mobile Robots: Towards New Applications
102	Industrial Robotics: Programming, Simulation and Applications
103	Humanoid Robots: New Developments
104	Frontiers in Robotics, Automation and Control
105	Bioinspiration and Robotics: Walking and Climbing Robots
106	Automation and Robotics
107	Advances in Service Robotics
108	Advances in Robotics, Automation and Control
109	Mobile Robotics
110	Interface Circuits for Microsensor Integrated Systems
111	Photovoltaic Materials and Electronic Devices
112	White organic light-emitting diodes: Status and perspective
113	Optical Properties of Semiconductors
114	Carbon Nanotubes: Applications on Electron Devices
115	Photodiodes: World Activities in 2011
116	Optoelectronic Devices and Properties



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117	Cutting Edge Nanotechnology
118	Polymer Thin Films
119	Advanced Microwave Circuits and Systems
120	Semiconductor Technologies
121	Nanowires Science and Technology
122	VLSI
123	Micro Electronic and Mechanical Systems
124	Solid State Circuits Technologies
125	Britney Spears' Guide to Semiconductor Physics
126	Microelectronic Devices and Circuits
127	Application-Specific Integrated Circuits
128	(Computer Aids for VLSI Design
129	Designing Analog Chips
130	Magnetism and Electromagnetism
131	Advanced Magnetism and Electromagnetism
132	Electromagnetics
133	Introduction to Electromagnetic Engineering
134	Electromagnetic Waves Propagation in Complex Matter
135	Behavior of Electromagnetic Waves in Different Media and Structures
136	Electromagnetic Waves
137	Computational Electromagnetism: Variational Formulations, Complementarity, Edge Elements
138	Worked Examples In Electromagnetism
139	Finite-element Methods for Electromagnetics
140	Electromagnetism for Electronic Engineers

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

S.NO.	TITLE OF THE BOOK
1	An Introduction to Intelligent and Autonomous Control
2	Electro mechanisms: Automatic Controls
3	Principles of Control Systems Engineering
4	Control Engineering Problems with Solutions
5	Control Theory with Applications to Naval Hydrodynamics
6	Stochastic Modeling and Control
7	Frontiers in Advanced Control Systems
8	Lectures on Stochastic Control and Nonlinear Filtering
9	An Introduction to Nonlinearity in Control Systems
10	Applications of Nonlinear Control
11	Discrete-Event Control of Stochastic Networks: Multi modularity and Regularity
12	Advanced Model Predictive Control
13	Control and Nonlinearity



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14	Discrete Time Systems
15	PID Control: Implementation and Tuning
16	Chaotic Systems
17	Control Theory: From Classical to Quantum Optimal, Stochastic, and Robust Control
18	Distributed Control of Robotic Networks
19	Linear Matrix Inequalities in System and Control Theory
20	Nonlinear System Theory: The Volterra/Wiener Approach
21	Linear Controller Design: Limits of Performance
22	High Performance Control
23	Systems Structure and Control
24	Control Engineering: An introduction with the use of Matlab
25	The Analysis of Feedback Systems
26	A Course in H-infinity Control Theory
27	Feedback Control Theory
28	Constructive Nonlinear Control
29	Fuzzy Control.
30	Intelligent Control
31	Adaptive Control
32	Mathematical Control Theory: Deterministic Finite Dimensional Systems
33	Adaptive Control: Stability, Convergence, and Robustness
34	Feedback Systems: An Introduction for Scientists and Engineers
35	Control in an Information Rich World
36	Control Systems
37	Dynamic System Modeling and Control
38	Semiconductors and Transistors
39	A-C Circuit Analysis
40	Advanced Memristor Modeling
41	A Designer's Guide to Innovative Linear Circuits
42	Operational Amplifiers and Linear Integrated Circuits
43	Semiconductor Devices: Theory and Application
44	Radio Hobbyist's Design book
45	Two-Dimensional Electronics: Prospects and Challenges
46	Verilog Tutorial
47	Organic Semiconductors
48	Electronics / Electricity
49	Electronics / Amplifiers
50	Electronics / Digital
51	Digital Circuit Projects: An Overview of Digital Circuits Through Implementing Integrated Circuits
52	Introduction to Digital Logic with Laboratory Exercises
53	Engineer's Mini-Notebook: Formulas, Tables and Basic Circuits



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54	Practical Electronics
55	Analog Circuits
56	Photodiodes: From Fundamentals to Applications
57	Electronics
58	Digital Circuits
59	Microwave Filters, Impedance-Matching Networks, and Coupling Structures
60	Introduction to Electronics
61	Introduction to Physical Electronics
62	Advances in Solid State Circuit Technologies
63	Introduction to Electronic Engineering
64	Circuit Analysis
65	Circuit Design Using Personal Computers
66	Op Amp Applications Handbook
67	Concepts in Electric Circuits
68	Electric Circuits: Theory and Applications
69	Introduction to PLC controllers
70	All About Circuits
71	Op Amps for Everyone
72	High-Speed Serial I/O Made Simple
73	Understanding Electronics Components
74	Data Conversion Handbook
75	Principles of Semiconductor Devices
76	Socratic Electronics
77	Lessons In Electric Circuits
78	OrCAD PSpice A/D Reference Guide
79	Photon-Counting Image Sensors
80	Imaging: Sensors and Technologies
81	Magnetic Resonance Sensors
82	Overview of Safety Instrumented Systems
83	Modern Telemetry
84	Microsensors
85	Advances in Measurement Systems
86	Intelligent and Biosensors
87	Advances in Sonar Technology
88	New Trends in High Voltage Engineering
89	Power System Harmonics
90	Small-signal stability, control and dynamic performance of power systems
91	Electrical Power and Energy Systems for Transportation Applications
92	Power Factor Correction (PFC) Handbook
93	Electrical Power
94	Electric Drive Systems and Operation



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95	Power Quality Harmonics Analysis and Real Measurements Data
96	Electrical Generation and Distribution Systems and Power Quality Disturbances
97	Notes for an Introductory Course on Electrical Machines and Drives
98	Transformer Practice: Manufacture, Assembling, Connections, Operation and Testing
99	Sun Power: The Global Solution for the Coming Energy Crisis
100	Power Quality
101	Wind Turbines
102	Electric Machines and Drives
103	Introduction to Power Electronics
104	Wind Energy Systems
105	Power Electronics: Devices, Drivers, Applications, and Passive Components
106	Introduction to Electromagnetic Theory and the Physics of Conducting Solids
107	Lectures on Electromagnetism
108	Spacetime algebra as a powerful tool for electromagnetism
109	Observers and Splitting Structures in Relativistic Electrodynamics
110	Variational Principle of Extremum in Electromechanical and Electrodynamical Systems
111	Classical Electrodynamics
112	Essential Electrodynamics
113	Essential Electromagnetism
114	Funky Electromagnetic Concepts
115	The Slacker's Guide to Physics: Electricity and Magnetism
116	Electromagnetic Fields and Energy
117	Electromagnetic field theory for physicists and engineers: Fundamentals and Applications
118	More Physics: electric charges and fields - electromagnetism
119	Theory of Electromagnetic Fields
120	Introduction to Extended Electrodynamics
121	Macroscopic Electrodynamics
122	Electrodynamics
123	Electromagnetic Theory and Computation: A Topological Approach
124	Classical Electrodynamics
125	Classical Electromagnetism: A Graduate Course
126	A Course in Graduate Electrodynamics
127	Electricity and Magnetism
128	Solutions to problems of Jackson's Classical Electrodynamics
129	Classical Electrodynamics and Theory of Relativity
130	Electromagnetic Field Theory
131	Electromagnetism and Optics: An introductory course
132	Electricity and Magnetism



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S.NO.	TITLE OF THE BOOK
1	Machine Shop Work
2	Fundamentals of Machine Tools
3	Machinery Repairman
4	Mechanisms / Machines
5	Mechanisms / Drives
6	Continuum Mechanics: Progress in Fundamentals and Engineering Applications
7	Mechanics of Engineering
8	Applied Mechanics
9	Applied Mechanics and Strength of Materials
10	A Short Course in Elementary Mechanics for Engineers
11	Elementary Dynamics: a textbook for engineers
12	Mechanics: A Textbook for Engineers
13	Analytical Mechanics for Engineers.
14	Mechanics for Engineers
15	Applied Mechanics for Engineers
16	Mechanics Applied to Engineering
17	Applied Gyrodynamics
18	Applied Mechanics
19	Mechanics: Problems for Engineering Students
20	Applied Mechanics for Beginners
21	Kinematics and Kinetics of Machinery
22	Introduction to Statics and Dynamics
23	Roller Coaster Physics
24	Dynamics of Mechanical Systems
25	Mechanics of Rigid Body
26	MIT Guide to Lock Picking
27	Applied Mechanics Dynamics
28	Introduction to Continuum Mechanics for Engineers
29	Engineering Fluid Dynamics
30	Lagrangian Solid Modeling
31	Unified Physics: Fluids
32	Lectures on Computational Fluid Dynamics
33	Lecture Notes on Gas Dynamics
34	Advances in Modeling of Fluid Dynamics
35	Engineering Fluid Mechanics
36	Hydrostatics and Pneumatics
37	Advanced Fluid Dynamics



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38	A First Course in Fluid Mechanics for Engineers
39	Applied Aerodynamics
40	Applied Computational Fluid Dynamics
41	Hydrodynamics: Natural Water Bodies
42	Drilling Fluid Engineering
43	Computational Fluid Dynamics: Technologies and Applications
44	Wind Tunnels
45	Intermediate Fluid Mechanics
46	Hydraulics for Engineers and Engineering Students
47	Computational Fluid Dynamics
48	Computational Fluid Dynamics
49	Concise Hydraulics
50	Fundamentals of Multiphase Flow
51	Fundamentals of Compressible Fluid Mechanics
52	Cavitation and Bubble Dynamics
53	Hydrodynamics of Pumps)
54	Engineering Mathematics in Ship Design
55	Marine Hydrodynamics
56	Marine Propulsion Simulation: Methods and Results)
57	Tsunami Science and Engineering
58	Actual Ships Stability Problems and The Influence on Safety of Navigation
59	Boat-Building and Boating
60	Nautical Charts
61	Lectures on Ship Manoeuvrability
62	Wooden Ship-Building
63	Offshore Hydromechanics
64	Introduction in Ship Hydromechanics
65	Text-Book of Theoretical Naval Architecture
66	Shipbuilding from its beginnings
67	Modeling of Sonar Transducers and Arrays
68	Shipbuilding for Beginners
69	Electro mechanisms: Fabrication
70	Opt mechatronics
71	Electro mechanisms: Transducers
72	Electro mechanisms: Devices
73	Electro mechanisms: Motor Controls
74	Mechanisms / Linkages
75	Computer Architecture and Interfacing to Mechatronic Systems
76	Robotics
77	Robot Arms
78	Automation and Robotics



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79	Mechatronic Systems: Simulation Modeling and Control
80	Mechatronic Systems Applications
81	Climbing and Walking Robots
82	Advances in Robot Manipulators
83	Robot Manipulators: New Achievements
84	Advances in Haptics
85	Industrial Robotics: Theory, Modelling and Control
86	Climbing and Walking Robots: Towards New Applications
87	Robot Manipulators
88	Parallel Manipulators, Towards New Applications
89	Parallel Manipulators, New Developments
90	Humanoid Robots: Human-like Machines
91	Cutting Edge Robotics
92	Mechanisms: Materials
93	Introduction to Continuum Mechanics
94	Continuum Mechanics
95	Mechanical Properties of Materials
96	Engineering Mechanics of Solids
97	Applied Strength of Materials for Engineering Technology
98	Solid Mechanics Lecture Notes
99	Mechanical Metallurgy
100	Applied Mechanics of Solids
101	Mechanics of Solids and Fracture
102	Introduction to Mechanics of Materials
103	Applied Fracture Mechanics
104	Solid Mechanics
105	Theory of Waves in Materials
106	Applied Mechanics and Strength of Materials
107	Elementary Applied Mechanics
108	Applied Mechanics
109	Mechanics of Materials
110	The Analysis of Stress and Deformation
111	Introduction to Engineering Thermodynamics
112	Selected Problems of Contemporary Thermomechanics
113	Heat Exchangers: Design, Experiment and Simulation
114	Fundamentals of Refrigeration Thermodynamics
115	Thermal kinetics
116	Software Solutions to Problems on Heat Transfer
117	Engineering Thermodynamics
118	Elements of Engineering Thermodynamics
119	Thermal Power Plants: Advanced Applications



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120	Refrigeration: Theory And Applications
121	The Development and Application of Microwave Heating
122	Heat Transfer Phenomena and Applications
123	Heat Treatment: Conventional and Novel Applications
124	Heat Transfer
125	Heat Exchangers: Basics Design Applications
126	Heat Transfer: Engineering Applications
127	Heat Conduction: Basic Research
128	Convection and Conduction Heat Transfer
129	Lecture Notes on Intermediate Thermodynamics
130	Lecture Notes on Thermodynamics
131	Energy Conversion
132	Heat for Engineers
133	Applied Thermodynamics for Engineers
134	Heat Transfer: Exercises
135	Heat Transfer
136	A Heat Transfer Textbook
137	Continuum Mechanics
138	Applications of the Calculus to Mechanics
139	Classical Mechanics
140	Continuum Mechanics: Progress in Fundamentals and Engineering Applications
141	Lecture Notes and Exercises on Statics
142	Advanced Mechanics
143	A Short Introduction to Theoretical Mechanics
144	Theoretical Kinematics.
145	Elementary Applied Mechanics
146	Introduction to Mechanics and Symmetry
147	Mechanics and Hydrostatics for Beginners
148	Elementary Mechanics from a Mathematician's Viewpoint
149	Modern Introductory Mechanics
150	Notes on Analytical Mechanics
151	Classical Mechanics
152	Mechanics and Special Relativity
153	Lecture Notes on Classical Mechanics
154	Theoretical Mechanics
155	Classical Mechanics
156	Introduction to Statics and Dynamics
157	Lectures on Classical Mechanics
158	Roller Coaster Physics
159	Mechanics of Rigid Body
160	Foundations of Mechanics, Second Edition



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161	Amateur Physics for the Amateur Pool Player
162	Structure and Interpretation of Classical Mechanics
163	Introduction to Continuum Mechanics for Engineers

### DEPARTMENT OF SCIENCE AND HUMANITIES

S.NO.	TITLE OF THE BOOK
1	Longman Dictionary of Contemporary English
2	English Language Learning and Technology
3	5,000 Most-Used Shorthand Forms
4	Practice Handbook in English
5	Communication Beginnings: An Introductory Listening and Speaking Text for English Language Learners
6	Constructivist Blended Learning Approach: to Teaching English for Specific Purposes
7	Good English Guide
8	Dictionary of the British English Spelling System
9	A Desk-Book of Errors in English
10	An Advanced English Grammar with Exercises
11	I Still Can't Speak English
12	English Grammar For Economics And Business
13	English Communication for Scientists
14	Business English: A Practice Book
15	Fifteen Thousand Useful Phrases
16	English in Use
17	The Concise Oxford Dictionary of Current English
18	Mastering American English
19	Synonyms and Antonyms
20	An Introductory Course in Theoretical English Grammar
21	Word Study and English Grammar
22	The Many Roads to Japan
23	Internet Basics for ESL Students
24	Hopf Algebras, Quantum Groups and Yang-Baxter Equations
25	On Lie Algebras Of Prime Characteristic
26	The Construction and Study of Certain Important Algebras
27	The Algebra of Invariants
28	An introduction to Noncommutative Projective Geometry
29	Hopf Algebras in General and in Combinatorial Physics: a practical introduction
30	An Introduction to the Algebra of Quantics
31	Set Theoretic Approach to Algebraic Structures in Mathematics
32	Algebraic Invariants
33	An introduction to Algebra and Topology



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34	Lectures On Unique Factorization Domains
35	Noncommutative Rings
36	Lectures on Quadratic Forms
37	Graduate Algebra
38	Algebraic Logic
39	Infinite-dimensional Lie Algebras
40	A Treatise on the Theory of Invariants
41	Smarandache Near-rings
42	Smarandache Rings
43	Smarandache Loops
44	Smarandache Semirings, Semifields and Semivector Spaces
45	Clifford Algebra, Geometric Algebra, and Applications
46	Universal Algebra for Computer Science
47	New Directions in Hopf Algebras
48	An Introduction to Nonassociative Algebras
49	Commutator Theory for Congruence Modular Varieties
50	The Octonions
51	Abstract Algebra: The Basic Graduate Year
52	An Invitation to General Algebra and Universal Constructions
53	Workbook in Higher Algebra
54	A Course in Universal Algebra
55	Lie Algebras
56	Measure Theory in Non-Smooth Spaces
57	Applied Analysis
58	An Introduction to Asymptotic Analysis
59	Introduction to Analysis
60	Introduction to Analysis
61	Linear Mathematics In Infinite Dimensions
62	Lecture Notes on the Theory of Distributions
63	Bernoulli Polynomials and Applications
64	A Course in Mathematical Analysis
65	Set Theory and Topology: An Introduction to the Foundations of Analysis
66	Multivector Differential Calculus
67	Elementary Mathematical Analysis
68	Orbital Integrals on Reductive Lie Groups and Their Algebras
69	Calculus and Differential Equations
70	Lectures on Disintegration of Measures
71	Lectures on Topics in Analysis
72	Special Functions and Their Symmetries: Postgraduate Course in Applied Analysis
73	Nonstandard Analysis
74	Reader-friendly Introduction to the Measure Theory



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75	Transmutations and Applications: a survey
76	Semi-classical analysis
77	Discrete Oscillation Theory
78	Problems in Mathematical Analysis
79	Short introduction to Nonstandard Analysis
80	Theory of the Integral
81	Real Numbers and Fascinating Fractions
82	Advanced Calculus and Analysis
83	Mathematical Methods for Economic Theory: a tutorial
84	Jacobi Operators and Complete Integrable Nonlinear Lattices
85	Introduction to Methods of Applied Mathematics
86	A Course of Modern Analysis
87	Topics in Applied Mathematics and Nonlinear Waves
88	Fractional Calculus: Theory and Applications
89	Uncertainty Theory
90	The Craft of Fractional Modelling in Science and Engineering
91	Theory and Applications of Ordered Fuzzy Numbers
92	Symmetry Measures on Complex Networks
93	Wave Propagation Analysis with Boundary Element Method
94	Opera Magistris
95	Fractional Dynamics
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97	Inverse Problems and Applications: Inside Out II
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99	Mathematics and Music
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103	On 2D Inverse Problems
104	Intermediate Maths for Chemists
105	Introductory Maths for Chemists
106	The Mathematics of Investment
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108	A Short Course on Approximation Theory
109	Techniques of Applied Mathematics
110	Math Alive
111	Mathematical Linguistics
112	Mathematical Methods
113	Mathematical Biology
114	A Basic Course in Applied Mathematics
115	Handbook of Mathematics for Engineers



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117	A Mathematics Primer for Physics Graduate Students
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120	Elementary Fuzzy Matrix Theory and Fuzzy Models for Social Scientists
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122	Conformal Fractals: Ergodic Theory Methods
123	Mathematics and Physics of Emerging Biomedical Imaging
124	Inside Out: Inverse Problems and Applications
125	Chebyshev and Fourier Spectral Methods
126	Voting, Arbitration & Fair Division: Mathematics of Social Choice
127	Linear Methods of Applied Mathematics
128	Mathematical Methods of Engineering Analysis
129	The Basics of Financial Mathematics
130	Inverse Problem Theory and Methods for Model Parameter Estimation
131	Derivations of Applied Mathematics
132	Music: A Mathematical Offering
133	Street-Fighting Mathematics
134	Cook-Book Of Mathematics
135	Mathematical Tools for Physics
136	Discrete Mathematics: An Open Introduction
137	Advances in Discrete Differential Geometry
138	Lists, Decisions, and Graphs
139	A Spiral Workbook for Discrete Mathematics
140	Discrete Math for Computer Science Students
141	Applied Discrete Structures
142	Exploring Discrete Mathematics Using Maple
143	Discrete Mathematics for Computer Science
144	Discrete Structures
145	Discrete Mathematics with Algorithms
146	Topics in Discrete Mathematics
147	Discrete Mathematics
148	Applied Finite Mathematics
149	Temporal Networks
150	Mathematics for Computer Science
151	Lecture Notes in Discrete Mathematics
152	Discrete Differential Geometry: An Applied Introduction)Introduction To Finite Mathematics
153	Languages and Machines
154	Discrete Mathematics
155	Mathematics for Algorithm and Systems Analysis



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157	Generatingfunctionology
158	Geometry and the Imagination
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161	The Axioms Of Descriptive Geometry
162	The Axiomatic Method
163	Modern Geometry
164	An Introduction to Geometry
165	Quadratic Forms and Their Applications
166	Tilings and Patterns
167	Topics in Geometry
168	Geometry, Topology and Physics
169	Geometry and Group Theory
170	Origami and Geometric Constructions
171	An Elementary Course in Synthetic Projective Geometry
172	Categorical Geometry
173	Flavors of Geometry
174	Convex Geometric Analysis
175	The Radon Transform
176	Combinatorial and Computational Geometry
177	Fundamentals of Geometry
178	Fractal Geometry
179	Projective Geometry
180	Geometric Theorems and Arithmetic Functions
181	The Essence of Mathematics Through Elementary Problems
182	Practical Mathematics for Home Study
183	Boundless Algebra
184	Fundamentals of Practical Mathematics
185	First Book in Arithmetic
186	Basic Arithmetic Student Workbook
187	A Course of Elementary Mathematics
188	Precalculus
189	Mathematics, Basic Math and Algebra
190	Elementary Practical Mathematics
191	Analytic Geometry and Principles of Algebra
192	Everything Maths: Grade 12 Mathematics
193	Everything Maths: Grade 11 Mathematics
194	Everything Maths: Grade 10 Mathematics
195	Preparing for College Physics
196	First Book in General Mathematics



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199	Practical Mathematics for Beginners
200	Practical Mathematics
201	First Course in the Theory of Equations
202	Explaining Logarithms
203	The Handbook of Essential Mathematics
204	High School Mathematics Extensions
205	Linear Algebra
206	The Theory of Determinants and Their Applications
207	The Hermitian Two Matrix Model with an Even Quartic Potential
208	An Introduction to Determinants
209	Differential Equations and Linear Algebra
210	Applied Linear Algebra in Action
211	Applied and Computational Linear Algebra: A First Course
212	Lectures on Linear Algebra and Matrices
213	Notes on Linear Algebra
214	Linear Algebra: Theorems and Applications
215	Numerical Methods for Large Eigenvalue Problems
216	Linear Algebra
217	Notes on Numerical Linear Algebra
218	Introduction to Linear Bialgebra
219	n-Linear Algebra of Type II
220	n-Linear Algebra of Type I and Its Applications
221	Special Set Linear Algebra and Special Set Fuzzy Linear Algebra
222	Set Linear Algebra and Set Fuzzy Linear Algebra
223	Linear Algebra, Infinite Dimensions, and Maple
224	Linear Algebra C-4: Quadratic equations in two or three variables
225	Linear Algebra C-2: Geometrical Vectors, Vector Spaces and Linear Maps
226	Linear Algebra Examples C-1: Linear equations, matrices and determinants
227	Grassmann Algebra
228	A Second Semester of Linear Algebra
229	Linear algebra via exterior products
230	Templates for the Solution of Linear Systems
231	Super Linear Algebra
232	Linear Algebra Review and Reference
233	Introduction to Vectors and Tensors Volume 1: Linear and Multilinear Algebra
234	Probability and Statistics: A Course for Physicists and Engineers
235	Seeing Theory: A visual introduction to probability and statistics
236	Bayesian Field Theory
237	Theory of Probability: A Historical Essay



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238	Probability and Statistics for Geophysical Processes
239	Probability and Mathematical Statistics
240	Introduction to Probability, Statistics, and Random Processes
241	Advanced Data Analysis from an Elementary Point of View
242	Introduction to Probability and Statistics Using R
243	Probability and Statistics Cookbook
244	Basic Data Analysis and More: A Guided Tour Using Python
245	Probability and Statistics
246	A Minimum of Stochastics for Scientists
247	Probability, Statistics and Stochastic Processes
248	CK-12 Basic Probability and Statistics: A Short Course
249	Introduction to Probability Theory and Statistics for Linguistics
250	Lectures on Noise Sensitivity and Percolation
251	Topics in Random Matrix Theory
252	Think Stats: Probability and Statistics for Programmers
253	Statistics, Probability, and Game Theory: papers in honor of David Blackwell
254	Lectures on Probability, Statistics and Econometrics
255	A defense of Columbo: A multilevel introduction to probabilistic reasoning
256	Principles of Data Analysis
257	Introduction to Randomness and Statistics
258	An Introduction to Stochastic PDEs
259	Reversible Markov Chains and Random Walks on Graphs
260	Markov Chains and Mixing Times
261	Random Matrix Models and Their Applications
262	Stochastic Integration and Stochastic Differential Equations
263	Lectures on Stochastic Analysis
264	Bayesian Spectrum Analysis and Parameter Estimation
265	Design of Comparative Experiments
266	Correlation and Causality
267	Applied Nonparametric Regression
268	Inverse Problem Theory and Methods for Model Parameter Estimation
269	Non-Uniform Random Variate Generation
270	Markov Chains and Stochastic Stability
271	Introduction Probability and Statistics
272	Convergence of Stochastic Processes
273	Lectures on Nonlinear Integrable Equations and their Solutions
274	Three Lectures on Complexity and Black Holes
275	The Propagation Of Disturbances In Dispersive Media
276	The Place of Partial Differential Equations in Mathematical Physics
277	Harmonic Oscillators and Two-by-two Matrices in Symmetry Problems in Physics
278	Lecture Notes on Mathematical Methods of Classical Physics



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280	Differential Equations of Mathematical Physics
281	Little Magnetic Book
282	Introduction to Spectral Theory of Schrödinger Operators
283	Quantum Spin Systems on Infinite Lattices
284	Navier-Stokes Equations: On the Existence and the Search Method for Global Solutions
285	Funky Mathematical Physics Concepts
286	Graph and Network Theory in Physics: A Short Introduction
287	Lectures on Integrable Hamiltonian Systems
288	Euclidean Random Matrices and Their Applications in Physics
289	Mathematics for Theoretical Physics
290	Step-by-Step BS to PhD Math/Physics
291	Tensor Techniques in Physics: a concise introduction
292	Introduction to Mathematical Physics
293	Lie Systems: Theory, Generalisations, and Applications
294	Physics, Topology, Logic and Computation: A Rosetta Stone
295	Lectures on Three-Dimensional Elasticity
296	LieART: A Mathematica Application for Lie Algebras and Representation Theory
297	Lectures on Nonlinear Waves And Shocks
298	Lectures on Diffusion Problems and Partial Differential Equations
299	Topics in Spectral Theory
300	Solitons
301	Mathematical Methods of Theoretical Physics
302	Lectures on the Singularities of the Three-Body Problem
303	Mathematical Methods of Physics
304	Theoretical Physics
305	Mathematical Physics: Problems and Solutions
306	A Window into Zeta and Modular Physics
307	Mathematical Physics II
308	Lecture Notes on Quantum Brownian Motion
309	Mathematics for Physics: A Guided Tour for Graduate Students
310	Special Functions and Their Symmetries: Postgraduate Course in Applied Analysis
311	Interactions, Strings and Isotopies in Higher Order Anisotropic Superspaces
312	Floer Homology, Gauge Theory, and Low Dimensional Topology
313	Random Matrices
314	Mirror Symmetry
315	Invariance Theory, the Heat Equation and the Atiyah-Singer Index Theorem
316	A Mathematics Primer for Physics Graduate Students
317	An Introduction to Hyperbolic Analysis
318	An Introduction to Topos Physics



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320	Feynman Diagrams and Differential Equations
321	Classical and Quantum Mechanics via Lie algebras
322	Neutrosophic Physics: More Problems, More Solutions
323	Clifford Algebra, Geometric Algebra, and Applications
324	The Landscape of Theoretical Physics
325	An elementary treatise on Fourier's series and spherical, cylindrical, and ellipsoidal harmonics
326	Random Matrix Models and Their Applications
327	Group Theory
328	Lie Theory and Special Functions
329	Lie Groups in Physics
330	Partial Differential Equations of Mathematical Physics
331	The Octonions
332	Introduction to Physics for Mathematicians
333	Applications of global analysis in mathematical physics
334	Elements for Physics: Quantities, Qualities, and Intrinsic Theories
335	Mathematics for the Physical Sciences
336	Introduction to GNU Octave
337	wxMaxima for Calculus I and II
338	Mathematica Programming: An Advanced Introduction
339	Octave Programming Tutorial
340	Maple
341	LAPACK Users' Guide
342	AMPL: A Modeling Language for Mathematical Programming
343	Using SPSS and PASW
344	Advanced Scientific Computing
345	SPSS: Stats Practically Short and Simple
346	Axiom: The Scientific Computation System
347	Modeling with Data: Tools and Techniques for Scientific Computing
348	The Mathematica Book
349	General Chemistry: Principles, Patterns, and Applications
350	Discovery of the Elements
351	Hydrides: Fundamentals and Applications
352	Surface Chemistry and Catalysis
353	Chemical Laboratory Safety and Security
354	The Renaissance of Science: The Story of the Atom and Chemistry
355	Differential Equations In Applied Chemistry
356	Introductory Chemistry
357	Elements and Atoms: Case Studies in the Development of Chemistry
358	Introduction to General Chemistry



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359	Introduction to Chemistry
360	A Concise History of Chemistry
361	Advanced Maths for Chemists
362	General Chemistry
363	Intermediate Maths for Chemists
364	Introductory Maths for Chemists
365	Introductory Chemistry Online
366	Atoms, Molecules and Matter: The Stuff of Chemistry
367	Introductory Chemistry
368	The Basics of General, Organic, and Biological Chemistry
369	Fundamentals of Chemistry
370	Essentials of Chemistry
371	Chemical Information Sources
372	General Chemistry
373	Concept Development Studies in Chemistry
374	Elementary Applied Chemistry
375	Chemical Ecology: The Chemistry of Biotic Interaction
376	Multiscale Simulation Methods in Molecular Sciences
377	Electrically Driven Membrane Processes
378	Modelling Batch Systems Using Population Balances
379	Hydrodynamic Modelling and Granular Dynamics
380	Advanced Granulation Theory at Particle Level
381	Pressure Driven Membrane Processes
382	The Chemistry of Health
383	Chemistry Explained: Foundations and Applications
384	CK-12 Chemistry
385	Descriptive Chemistry
386	GRE Chemistry Test Practice Book
387	The Basics of NMR
388	Chemical Dynamics
389	Molecular Orbital Theory
390	Electrons and Chemical Bonding
391	Chem1 Virtual Textbook
392	Nature of the Chemical Bond
393	Chemical Principles
394	Frontiers in Chemistry
395	Life, the Universe and Everything: 42 Fundamental Questions
396	Unification in One Dimension
397	What is Motion
398	The New Physics and Its Evolution
399	The Dimensional Structure of Consciousness



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400	Unfolding the Labyrinth: Open Problems in Mathematics, Physics, Astrophysics
401	Order-of-Magnitude Physics
402	The Open Agenda: Ideas a beginning physics teacher should not take for granted
403	Theoretical Physics
404	Physics for Entertainment
405	The Clock and the Arrow: A Brief Theory of Time
406	The Nature of the Physical World
407	Physics Formulary
408	The People's Physics Book
409	GRE Physics Test Practice Book
410	Handbook of Formulae and Physical Constants
411	Modelling Rationality... and Beyond the Physics