

TRIDENT ACADEMY OF TECHNOLOGY, BHUBANESWAR
CATALOGUE OF BOOKS

Mathematics

Sl.No.	Book Name	Author	Publisher	QUANTITY
1	Engineering Mathematics Vol-I	S.Arumugan	Scitech	1
2	Engineering Mathematics Vol-II	S.Arumugan	Scitech	2
3	Engineering Mathematics Vol-III	S.Arumugan	Scitech	1
4	Engineering Mathematics	V.Sundaram	Vikas	1
5	Engineering Mathematics	V.Sundaram	Vikas	1
6	Principles of Optimization Theory	C.R.Bector	Narosa	2
7	Intermediate Algebra	Ghansyam Samal	Bidyapuri	1
8	Combinational Optimization	M.M.Shikare	Narosa	2
9	Computer Oriented Numrical Methods	V.Rajaraman	PHI	22
10	Concepts of Engineering Mathematics	H.K.Dass	S.Chand	5
11	A Course in Distribution Theory and Applications	R.S.Pathak	Narosa	2
12	A Course in Numerical Analysis	B.P.Acharya	Kalyani	15
13	A Course in Ordinary Differential equations	B.Rai	Narosa	2
14	A Course on Ordinary and Partial Differential equations	J.Sinha Roy	Kalyani	80
15	A Text Book of Calculus (Part- III)	Shanti Narayan	S.Chand	5
16	A Text Book of Calculus (Part-I)	Shanti Narayan	S.Chand	5
17	A Text Book of Calculus (Part-II)	Shanti Narayan	S.Chand	5
18	A Text Book of Discrete Mathematics	Swapan Kumar Sarkar	S.Chand	30
19	A Text Book of Engineering Mathematics	N.P Bali	Laxmi	5
20	A Text Book of Matrices	Shanti Narayan	S.Chand	5
21	A Text Book of Vector Calculus	Shanti Narayan	S.Chand	5
22	Advanced Engineering Mathematics	A.P.Mathur	Khanna	2
23	Advanced Engineering Mathematics	R.K.Jain	Narosa	22
24	Advanced Engineering Mathematics	Michael D.Greenberg	Pearson	10
25	Advanced Engineering Mathematics	H.K.Dass	S.Chand	85
26	Advanced Engineering Mathematics	Erwin Kreyszig	John Wiley	1033
27	Advanced Engineering Mathematics	Alan Jeffrey	Academic	1
28	Algebra	Vivek Sahai	Narosa	2
29	Algebra and its Applications	S.Tariq Rizvi	Narosa	2
30	Algebra Vol-I : Group	I.S.Luthar	Narosa	2
31	An Elementary Course in Partial Differential equations	T.Amaranath	Narosa	2
32	An Introduction to Fuzzy Control	D.Driankov	Narosa	2
33	Calculus for Scientists and Engineers : An Analytical Approach	K.W.Joshi	Narosa	2
34	An Introduction to Linear Algebra	V.Krishnamurthy	EWP	40
35	Analitical Solid Geometry	Shanti Narayan	S.Chand	5
36	Cohomology of Arithmetic Groups, L-Functions and Automorphic Forms	T.N.Venkataramana	Narosa	2
37	Contemporary Abstract Algebra	Joseph A.Galliar	Narosa	2
38	Foundations of Complex Analysis	S.Ponnusamy	Narosa	1
39	Foundations of Functional Analysis	S.Ponnusamy	Narosa	2
40	Function of Complex Variables	A.K.Mukhopadhyay	Scitech	2
41	Function Spaces and Applications	David E.Edmunds	Narosa	2

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42	Functions of One Complex Variable	John B.Conway	Narosa	2
43	Fundamentals of Approximation Theory	Hrushikesh N.Mhaskar	Narosa	2
44	Fundamentals of Mathematical Statistics	S.C.Gupta	S.Chand	56
45	Graph Theory	Frank Harary	Narosa	2
46	Graph Theory	Narsingh Deo	PHI	53
47	Higher Engineering Mathematics	B.S.Grewal	Khanna	47
48	Design Methods and Anlysis of Algorithms	S.K.Basu	PHI	1
49	Discrete Event System Simulation	Jenny Banks	PHI	19
50	Discrete Mathematical Structure with Application to Computer science	J.P.Tremblay	Mc Graw-Hill	39
51	Discrete Mathematical Structures for Computer Science	Bernard Kolman	PHI	32
52	Discrete Mathematical Structures Theory and Problems	M.Acharya	Alok Publication	25
53	Discrete Mathematics For Computer Scientists & Mathematicians	Joe L.Mott	PHI	8
54	Elementary Probability Theory with Stochastic Process	Kai Lai Chung	Narosa	2
55	Elements of Discrete Mathematics	C.L.Liu	TMH	56
56	An Introduction to The Theory of Computer Science (Languages & Machines), 3rd ed	Thomas A.Sudkamp	Pearson	5
57	Introduction to Operation Research	Billy E.Gillett	TMS	30
58	Introductory Methods of Numerical Analysis	S.S Sastry	PHI	4
59	Introductory Numerical Analysis	Nanigopal Dutta	Shreedhra	38
60	Linear Algebra	Vivek Sahai	Narosa	1
61	Linear Algebra	G.Hadley	Narosa	2
62	Linear Algebra	Seymour Lipschupz	TMH	1
63	Operations Research: Principles and Applications	G.Srinivasan	PHI	5
64	Engineering Mathematics Part-III -3rd Sem(Solved Problems)	M.Acharya	Alok Publication	1
65	Fundamentals of Statistics 6th ed.	S.C.Gupta	Himalaya	50
66	Differential Calculus	Shanti Narayan	S.Chand	300
67	Higher Engineering Mathematics	B.V.Ramana	TMH	70
68	Statistical Methods	S.P.Gupta	S.Chand	25
69	Statistics for Management	Digambar Patri	Kalyani	5
70	Numerical Methods and Applications	E.Ward Cheney	Cengage	7
71	Numerical Methods With Programs in C, 2nd ed.	T Veerarajan	TMH	28
72	Numerical Methods in Science and Engineering: A Practical Approach	S.Rajasekaran	S.Chand	25
73	Discrete Mathematics	D.S.Malik	Cengage	5
74	Discrete Mathematics, 6th ed.	Richard Johnsonbaugh	Pearson	25
75	Mathematical Structures for Computer Science :A Modern Treatment of Descret Math	Judith L.Gersting	Freeman	5
76	Numerical Methods Using Matlab	John H.Mathews	PHI	5

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Sl.No.	Book Name	Author	Publisher	QUANTITY
77	Text Book of Engineering Mathematics	Debashis Datta	NAI	15
78	Mathematical Methods	Merle C.Potter	PHI	53
79	Matric Spaces	Pawan K.Jain	Narosa	2
80	Matrix and Linear Algebra	K.B.Dutta	PHI	1
81	Modern Algebra	A.R.Vasishtha	Krishna	4
82	Modern Applied Algebra	Garrett Birkhoff	CBS	18
83	Modern Applied Mathematics	J.C.Misra	Narosa	2
84	Nonlinear Functional Analysis	Rajendra Akerkar	Narosa	2
85	Numerical Algorithms	Er.Krishnamurty	EWP	10
86	Numerical Analysis	G.Shanker Rao	Mc Graw-Hill	5
87	Numerical Analysis in Engineering	Rama B.Bhat	Narosa	2
88	Numerical Methods for Engineers and Scientists	J.N.Sharma	Narosa	2
89	Operations Research	K.C.Rao	Narosa	2
90	Operations Research	B.S.Goel	Pragati	3
91	Operations Research	R.K.Gupta	Krishna	2
92	Operations Research	Frederick S.Hillier	CBS	24
93	Operations Research	V.K.Kapoor	S.Chand	5
94	Operations Research	A.P.Verma	Kataria	45
95	Operations Research	Kanti Swarup	S.Chand	43
96	Operations Research	R.Pannervelam	PHI	5
97	Operations Research	Hamdy A.Taha	PHI	130
98	Operations Research	S.D.Sharma	Kedarnath	90
99	Operations Research	S.Kalavathy	Vikas	204
100	Operations Research (Schaum's)	Richard Bronson	TMH	2
101	Optimization Theory and Practice	Mohan C.Joshi	Narosa	3
102	Partial Differential equations for Engineers and Scientists	J.N.Sharma	Narosa	2
103	Real Analysis	J.N.Sharma	Krishna	4
104	Sequence Spaces and Applications	Pawan K.Jain	Narosa	2
105	Engineering Mathematics	Y.Veerarajan	Pearson	1
106	Numerical Methods	E.Balagurusamy	TMH	2
107	Numerical Solutions of Differential equations	M.K.Jain	New Age	2
108	Introduction to Discrete Mathematics	Robert J.Mceliece	TMH	1
109	Probability,Statistics with Reliability,Queuing & Computer Science Applications	Kishor S.Trivedi	TMH	2
110	Probability,Statistics & Random Process	T.Veerarajan	TMH	4
111	Fundamentals of Statistics Vol-2	A.M.Gun	World Press	2
112	Fundamentals of Statistics Vol-1	A.M.Gun	World Press	2
113	Numerical Methods	B.S.Grewal	Khanna	3
114	Engineering Mathematics	Debashis Dutta	NAI	2
115	Modern Algebra	Surjeet Singh	Vikas	2
116	Numerical Methods for Scientific and Engineering Computation	M.K.Jain	NAI	2
117	Statistical Methods and Concepts	M.N.Das	New Age	2
118	Statistics for Management	Richard I.Levin	PHI	45
119	Text Book on Differential Calculus	Gorakh Prasad	Pothishala	250
120	Theory and Problems of Complex Variables	Murry R.Spiegel	Mc Graw-Hill	3

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121	Topological Algebra	V.K.Balachandran	Narosa	2
122	Discrete Mathematics with Applications	Thomas Koshy	Academic Press	37
123	Discrete Mathematics and It's Applications	Kenneth H.Rosen	TMH	182
124	Operations Research: Principles and Practice	A.Ravindran	John Wiley & Sons	92
125	Operations Research	Prem Kumar Gupta	S.Chand	2
126	Optimization Engineering	P.K.Patnaik	India Tech	20
127	Introductory Course in Differential equations	Daniel A.Murray	Radha Pub.	2
128	Modern Probability Theory	B.R.Bhat	NAI	2
129	Elements of Complex Analysis	B.Choudhury	NAI	2
130	Differential Calculus	H.S.Dhami	NAI	2
131	Partial Differential equations	Phollan Prasad	NAI	2
132	Engineering Mathematics Vol-I	Debashis Dutta	NAI	1
133	Differential equation	Richard Bronson	TMH	2
134	Introduction to Probability and Statistics	Seymour Lipschupz	TMH	2
135	Theory and Problems of : Probability	Seymour Lipschupz	TMH	2
136	Differential equation	Shepley L.Ross	John Wiley	2
137	Numerical Methods	P.Kandasamy	S.Chand	2
138	Engineering Mathematics	Sarveswara Koneru	University Press	1
139	A Complete Solution to Advanced Engineering Mathematics (Vol-II)	Erwin Kreyszig	John Wiley	1
140	A Problem Book in Mathematical Analysis	G.N.Berman	CBS Publishers	1
141	A Guide to Matlab	Brain R.Hunt.	Cambridge	1
142	Probability,Statistics for Engineers & Scientists, 8th ed.	Ronald E.Walpole	Pearson	30
143	Optimization for Engineering Design: Algorithms and Examples	Kalyanmoy Deb	PHI	100
144	Probability and Statistics	William Mendenhall	Cengage	2
145	Probability and Statistics for Engineers	Jay L.Devore	Cengage	2
146	Numerical Methods for Engineers, 5th ed.	Steven C Chapra	TMH	82
147	An Introduction to Numerical Analysis, 2nd ed.	Kendall E.Atkinson	John Wiley	20