

2. Engineering

No.	Title	Author	Ed.
General			
1	Advanced engineering mathematics.	Wylie	1995
2	Basic engineering mathematics.	John	2000
3	Engineering mathematics.	John	2003
4	Study guide for engineering economic analysis	Newman	2004
Mechanical Engineering			
5	A Textbook of machine design.	Khurmi	2005
6	Cellular manufacturing systems design, planning and control.	Singh	1996
7	Computer integrated manufacturing.	Chang	2005
8	Control engineering.	Tandon	2001
9	Controlling electro hydraulic system.	Anderson	1998
10	Elementary fluid mechanics.	Street	1996
11	Engineering economic analysis.	Newnan	2004
12	Engineering fluid mechanics.	Kumar	1997
13	Engineering materials.	Budinski	2005
14	Fluid mechanics and thermodynamics of turbo machinery.	Dixon	2005
15	Fluid mechanics.	White	2003
16	Fluid mechanics.	Kreith	2000
17	Fluid mechanics.	Jain	2004
18	Fluid mechanics.	Frank	2000
19	Fluid mechanics: fundamentals & applications.	Cengel	2006
20	Fundamentals of heat & mass transfer.	Incorporea	2002
21	Fundamentals of heat & mass transfer.	Bhatia	2002
22	Heat and mass transfer.	Single	1993
23	Hydrogen and fuel cells: emerging technologies and applications.	Sorensen	2005
24	Industrial electronics & instrumentation.	Sunil	2005
25	Industrial machinery repair, best maintenance practice pocket guide.	Smith	2004
26	Introduction to mechatronics and measurement systems.	Histand	2003
27	Kinematics and dynamics of machinery.	Wilson	2003
28	Machine tool design.	Cmri	2002
29	Mass transport in solids and fluids.	Wilkinson	2000
30	Material science and engineering an introduction.	Callister	2003
31	Modern control engineering.	Ogata	2002
32	Pc based instrumentation and control.	Tooley	2005
33	Practical hydraulic systems.	Doddannavar	2005
34	Qualitative theory of dynamical systems.	Michel	2001
35	Theory of machines and mechanisms	Shigley	1995
36	Theory of machines.	Sarkar	2002

Electrical Engineering			
37	A textbook of electrical technology. Vol1	Theraja	2004
38	A textbook of electrical technology. Vol2	Theraja	2004
39	A textbook of electrical technology. Vol3	Theraja	2004
40	A textbook of refrigeration and air conditioning.	Khurmi	2003
41	Advanced television systems.	Tassel	1996
42	Air conditioning & refrigeration engineering.	Wang	2000
43	Air conditioning engineering.	Jones	2001
44	Air conditioning principles and systems.	Pita	2003
45	Analog circuit techniques.	Wilmsurst	2001
46	Anatomy of a robot.	Bergen	2003
47	Basic engineering circuit analysis.	Irwin	2001
48	Basics of wireless communications.	Niit	2004
49	Cable television handbook.	Bartlett	1999
50	Corrosion engineering.	Fontana	1987
51	Digital experiments emphasizing troubleshooting.	Cox	2003
52	Digital signal processing	Mayer	2003
53	Digital signal processing laboratory.	Kumar	2005
54	Electric circuits.	Nilsson	2001
55	Electric machinery & transformers.	Guru	2001
56	Electric machinery and power system fundamentals.	Chapman	2002
57	Electrical machines, drives & power systems.	Wildi	2005
58	Electrical power.	Uppal	2003
59	Electronic communication systems.	Kennedy	1993
60	Electronic communication systems.	Blake	2001
61	Electronic devices and circuits.	Millman	1976
62	Electronic devices and circuits.	Salivahnan	2001
63	Electronic protection and security systems.	Honey	1998
64	Elements of power system analysis.	Stevenson	1982
65	Emergency & security lighting.	Honey	2001
66	Engineering electromagnetics.	Hayt	1989
67	Experimental designs.	Cochran	1957
68	Feedback control of dynamic systems.	Franklin	2005
69	Fundamentals of digital television.	W. Collins	2001
70	Handbook of RF & wireless technologies.	Dowla	2005
71	Hardware and computer organization.	Berger	2005
72	International river water quality pollution.	Best	1997
73	Introduction to instrumentation and measurements.	Northrop	2005
74	Introduction to radar system.	Skolnik	2001
75	Introduction to robotics.	Craig	2005
76	Lighting by design.	Cuttle	2003
77	Microelectronic circuits.	Sedra	1998
78	Mobile and wireless communications.	Smyth	2004
79	Mobile processing in distributed.	Sapaty	1999
80	Model identification and adaptive control.	Goodwin	2001
81	Modern control systems.	Rachaid	2005

82	Optimal control systems.	Naidu	2003
83	Performance engineering of software systems.	Smith	1990
84	Pocket book of technical writing for engineers and scientists.	Finkelstein	2005
85	Power electronics circuits devices & applications.	Rashid	2004
86	Power generation technologies.	Breeze	2005
87	Power system analysis.	Stevenson	1994
88	Radar systems analysis and design using mat-lab.	Mahafza	2005
89	Refrigeration and air conditioning.	Parsed	2002
90	Refrigeration and air conditioning.	Ballaney	2003
91	Refrigeration and air conditioning.	Stoecker	1982
92	Refrigeration equipment.	Bryant	1997
93	Regulation of network utilities.	Henry	2001
94	Room acoustics.	Kuttruff	2000
95	Solid state electronic devices.	Streetman	2000
96	Telecommunications.	Cole	2005
97	Transportation planning on trial.	Garrett	1996
98	Water wells and septic systems handbook.	Wood Son	2003
Civil Engineering			
99	Advanced theory structures.	Vazirani	2002
100	Buckling of thin metal shells.	Rotter	2004
101	Cement chemistry.	Taylor	2003
102	Civil architecture: the new public infrastructure.	Dattner	1995
103	Civil engineering material.	Jackson	1993
104	Composite construction.	Nethercot	2003
105	Computer integrated planning & design for construction.	Retik	2001
106	Conceptual structural design.	Larsen	2003
107	Concrete floors & slabs.	Dhir	2002
108	Concrete technology.	Brooks	2003
109	Concrete technology: theory and practice.	Shetty	2003
110	Construction cost estimating, process and practices.	Schaufelberger	2004
111	Construction materials.	Illston	2001
112	Construction project management.	Fewings	2005
113	Current and future trends in bridge design construction	Das	2001
114	Energy simulation in building design.	Clarke	2001
115	Engineering materials, properties and selection.	Budinski	2004
116	Engineering surveying.	Schofield	2002
117	Elementary engineering mechanics	Drabble	1990
118	Fatigue testing and analysis.	Hathaway	2005
119	Finite and boundary elements methods.	Gupta	1999
120	Fundamentals of hydrology.	Davie	2002
121	Fundamentals of reinforced concrete.	Sinha	1996
122	Fundamentals of structural analysis.	Leet	2002
123	Geotechnical earthquake engineering handbook.	Day	2002
124	Handbook of solid waste management and waste minimization technologies.	Cheremisnoff	2005
125	Hydraulic gates & valves in free surface flow & submerged.	Lewin	2001

126	Materials handling.	Allegrì	2004
127	Paving the way: how we achieve clean, safe and attractive streets.	Baxter	2002
128	Plasticity and geomechanics.	Davis.	2002
129	Reinforced concrete design.	Mosley	1999
130	Reinforced concrete: mechanics and design.	Macgregor	1997
131	Reliability of structures.	Nowak	2000
132	Smart materials and technologies for the architecture.	Addington.	2005
133	Standard handbook for civil engineers.	Merritt	1996
134	Standard handbook for civil engineers.	Ricketts	2004
135	Structural steel design.	McCormack	2003
136	Structural steel designer handbook.	Brockenbrough	2000
137	Textbook of concrete technology.	Kulkarni	1998
138	The building regulations: explained & illustrated.	Smith	1999
139	The codes guide book for interiors.	Koomen	1994
140	The design of modern steel bridges.	Chatterjee	2003
141	Warning design: a research perspective.	Judy	1996
142	Water supply and pollution control.	Viessman	2004
Architecture			
143	A History of architecture.	Fletcher's	1996
144	Architects and their practices.	Synes	1996
145	Architecture of the Islamic world	Grube	1995
146	Architectural engineering design.	Butler	2002
147	Professional practice for landscape	Garmory	2002
148	Architectural reference manual.	Seal	2001
149	Beyond software architecture; creating and sustaining.	Hohmann	2003
150	Design engineering.	Rose	2001
151	Engineering design methods.	Cross	2000
152	Handbook of professional practice (Interior design)	Coleman	2002
153	Investigation of buildings: a guide for architecture.	Donald	2000
154	Modern architecture.	Blundell	2002
155	Product design and through case studies development.	Karl	1995
156	Time- saver standards for architectural design data.	Watson	1997
157	Time- saver standards for building types.	Dechiara	2001
Metallurgy			
158	Being: successful as an engineer.	Roadstrum	1998
159	Environmental engineering.	Basak	2003
160	Environmental hydrology.	Ward	2004
161	Introduction to biomedical engineering.	Blanchard	2005
162	Introduction to industrial & systems engineering.	Wayne	1993
163	Introductory mining engineering.	Hartman	2002
164	Mechanical metallurgy.	Dieter	1988
165	Metal cutting theory and practice.	Bhattacharya	2004
166	Soil bioventing: principles and practice.	Leeson	1997
Gifts			
167	Applied thermo fluids and pollution control	Klynkaran	1989
168	Energy research in developing countries	Graham	1994
169	Environmental jobs for scientists and engineers	Batsa	1992

170	Fundamentals of engineering thermodynamics.	Moran	1992
171	Introducing town planning.	Greed	1994
172	Principles of extractive metallurgy	Roserqvist	1983
173	The grid blue print for a new computing infrastructure	Foster	1999
كتب منقولة من المكتبة المركزية القديمة			
174	A General theory of furnaces	Afanasyev	1980
175	A numerical library in C for scientists and Engineers	Lan	1995
176	Air pollution control engineering.	De Nevers	1995
177	An introduction to corrosion and protection of metals.	Wrangler	1985
178	Analysis within the systems development life-cycle	Evans	1987
179	ARC welding automation.	Cary	1995
180	Architecture for the poor	Fathy	1973
181	Architektut jahrbuch	Becker	1996
182	Basic electronics for tomorrow's world.	Jones	1996
183	Bioprocess computation in biotechnology.	Ghose	1990
184	Brief guide to sources of scientific.	Herner	1980
185	Chemistry for environment engineering.	Sawyer	1994
186	Drafting for industry.	Brown	1995
187	Enabling the future linking science and technology to societal goals.	(Carnegie Commision on science)	1994
188	Engineering materials and their applications.	Flinn	1990
189	Engineering thermodynamics.	Potter	1993
190	Filter Dust collectors	Croom	1995
191	Filter dust collectors design and application	Croom	1995
192	Finding water.	Brassington	1995
193	Finite element analysis theory and practice.	Fagan	1992
194	Fluid mechanics and hydraulics.	Giles	1994
195	Fundamentals of power electronics.	Erickson	1997
196	Geotechnical earthquake engineering.	Kramer	1996
197	Great American houses and their architectural styles.	Mcalester	1994
198	Hand book of design, manufacturing and automation.	Dorf	1994
199	Hydrometallurgical extraction and reclamation	Jackson	1986
200	Instructor's manual for statistics.	Frank	1994
201	Integrated electronics analog and digital circuits and systems.	Millman	1972
202	Introduction to energy technology	Venikov	1984
203	Irrigation and water power engineering.	Punmia	1989
204	Islamic architecture	Hillenbrand	1994
205	Lighting for television and film	Mllerson	1991
206	Machine design	Aaran	1975
207	Manufacturing systems: an introduction to the technologies.	Williams	1994
208	Materials science and engineering.	Collister	1994
209	Materials science for engineers	Van	1970
210	Mathematical methods for physics and engineering	Riley	1998
211	Mechanical drawing.	French	1990
212	Mechanics of materials.	Beer	1992
213	Mechatronics.	Bolton	1995

214	Natural systems for waste management and treatment.	Reed	1995
215	New thinking and American defense technology.	(Carnegie Commission on science)	1993
216	Power	Wrong	1979
217	Practical oil-field metallurgy	Crag	1984
218	Principles of air quality management.	Griffin	1994
219	Principles of electronic instrumentation	Adesa	1981
220	Principles of environmental engineering and science.	Mackenzie	2004
221	Principles of materials science and engineering	Smith	1990
222	Principles of materials science and engineering.	Smith	1990
223	Process industrial instruments and controls handbooks	Considine	1993
224	Process modeling simulation and control for chemical engineers	Luybe	1990
225	Radiation detection and measurement.	Knoll	1989
226	Radio broadcasting	Hilliard	1985
227	Red rage to a bull.	Pyke's	1989
228	Risk and the environmental.	(Carnegie Commission on science)	1993
229	Schaum's out line of theory and problems of strength of materials	Nash	1994
230	Schaum's outline of theory and problems of engineering mechanics statics and dynamics	Mclean	1988
231	Science and technology in judicial decision making creating opportunities and meeting challenges.	(Carnegie Commission on science)	1993
232	Science and technology in us. International affairs.	(Carnegie Commission on science)	1993
233	Science technology and the states in America's third century.	(Carnegie Commission on science)	1992
234	Science, technology and congress organizational and procedural reforms.	(Carnegie Commission on science)	1994
235	Science, technology and government for a changing world.	(Carnegie Commission on science)	1993
236	Sewage and industrial effluent treatment.	Arundel	1995
237	Simplified design of HVAC systems.	William	1994
238	Social organization and mechanism design	Claude d'As	1999
239	Solid waste management engineering.	Preffer	1992
240	Statics and mechanics of materials.	Nash	1992
241	Strength of materials.	Nash	1994
242	Stress, stability and chaos in structural engineering.	El Naschie	1989
243	Structural mechanics – a unified approach.	Carpinteri	1997
244	Technical report writing today	Riordan	2002
245	Television engineering handbook.	Benson	1992
246	The art of electronics.	Horowitz	1997
247	The art of electronics.	Hayes	1989
248	The handbook of trace elements.	Pais	1997
249	Theory and problems of elementary statics and strength of materials.	Jackson	1983
250	Theory and problems of engineering.	Mclean	1988
251	Transport phenomena	Brodkey	1988

252	Umweltschutz konzepte and technische losungen.	Meyer	1991
253	Welding.	Davies	1996
(Gifts)			
254	هندسة التعدين	ممدوح يوسف حسين	1999
255	الاهتزازات الميكانيكية	وليم و . ستيو	1994
256	الاهتزازات	أبو الحسن توني حسن	2003
257	إدارة التشييد	محمد بن إبراهيم الجار الله	1993
258	مبادئ المساحة	حسان عياد	1974
259	دوائر التحكم الآلي	وجيه جرجس	2000
260	هندسة الصرف الصحي	محمد صادق العدوي	1990
261	محركات مولدات ومحولات التيار المتردد	وجيه جرجس	2002
262	الإضاءة داخل المباني	يحي حمودة	1998