

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
1	A Pragmatic Introduction to the Art of Electrical Engineering	Paul H. Dietz	1	1998		140
2	Adaptive Filter Theory	Simon Haykin	3	1996		1008
3	Advanced Digital Signal Processing and Noise Reduction	Saeed V. Vaseghi	2	2000	John Wiley & Sons	493
4	Advanced Signal Processing Handbook	Stergios Stergiopoulos	1	2001	CRC Press LLC	721
5	Advanced Techniques In Rf Power Amplifier Design	Steve C. Cripps	1	2002	Artech House	339
6	An Introduction to Optical Fibers	Allen H. Cherin	1	1983	McGraw-Hill	338
7	Analog And Digital Circuits For Electronic Control System Applications	Jerry Luecke	1	2005	ELSEVIER - Newnes	329
8	Analog and Digital Filter Design	Steve Winder	2	2002	Newnes	454
9	Analog Circuit Design	Jim Williams	1	1991	Butterworth Heinemann	410
10	Analog Integrated Circuits		2	2002	SCILLC	3401
11	Analysis and Design of Analog Integrated Circuits	Paul R.Gray - Paul J. Hurst - Stephen H. Lewis - Robert G.Meyer	4	2001	John Wiley & Sons	1290
12	Analysis and Design of Analog Integrated Circuits (Solution Manual)	Paul R.Gray - Paul J. Hurst - Stephen H. Lewis - Robert G.Meyer	4		John Wiley & Sons	401
13	Analysis Methods for RF, Microwave, and Millimeter-Wave Planar Transmission Line Structures	Cam Nguyen	1	2000	John Wiley & Sons	253
14	Antena Theory and Design	Stutzman Thiele	1	1981		608

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
15	Applications of Nonlinear Fiber Optics	GOVINDP.AGRAWAL	1	2001	Academic Press	473
16	Basic Circuit Theory	Charles A. Desoer - Ernest S. Kuh	1	1969	McGraw-Hill	896
17	Circuit Design for RF Transceivers	Domine Leenaerts - Johan Vardertang - Ciceros Vaucher	1	2001	KLUWER ACADEMIC PUBLISHERS	342
18	Circuit Design with VHDL	Volnei A. Pedroni	1	2004	MIT Press	375
19	CMOS Analog Circuit Design	Philip E. Allen - Douglas R. Holberg	2	2002	Oxford University Press	802
20	CMOS Digital to Analog Converters for Telecommunication Applications	Jacob Wikner	1	1998		132
21	CMOS Integrated Analog-to-Digital and Digital-to-Analog Converters	Rudy van de Plassche	2	2003	Springer	634
22	CMOS Logic Circuit Design	John P. Uyemura	1	2002	KLUWER ACADEMIC PUBLISHERS	550
23	Communication Systems (Carlson)	A. Bruce Carlson - Paul B. Crilly - Janet C. Rutledge	4	2002	McGraw-Hill	863
24	Communication Systems (Carlson)(Solution Manual)	A. Bruce Carlson	4		McGraw-Hill	300
25	Communication Systems (Haykin)	Simon Haykin	4	2001	John Wiley & Sons	838
26	Communication Systems Engineering	John G. Proakis - Masoud Salehi	2	2002	Prentice Hall	817
27	Communication Systems Engineering (Solutions Manual)	John G. Proakis - Masoud Salehi	2	2002	PrinticeHall	300
28	Complete Digital Design	Mark Balch	1	2003	McGraw-Hill	481

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
29	Computer Networks	Andrew S. Tanenbaum	3	1996		833
30	Computer System Architecture	M. Morris Mano	3	1993	Prentice Hall	543
31	Coplanar Waveguide Circuits, Components, and Systems	Rainee N. Simons	1	2001	John Wiley & Sons	459
32	Design of Analog CMOS Integrated Circuits	Behzad Razavi	1	2001	McGraw-Hill	706
33	Design of Nonplanar Microstrip Antennas and Transmission Lines	Kin-Lu Wong	1	1999	John Wiley & Sons	373
34	Device Modeling for Analog and RF CMOS Circuit Design	Trond Ytterdal - Yuhua Cheng -Tor A. Fjeldly	1	2003	John Wiley & Sons	296
35	Digital and Analog Communication Systems	K. Sam Shanmugam	1	1985	John Wiley & Sons	622
36	Digital and Analog Communication Systems (Couch)	Leon W. Couch II	5		Printice Hall	766
37	Digital Communication Receivers	Heinrich Meyr - Marc Moeneclaey - Stefan A. Fechtel	1	1998	John Wiley & Sons	843
38	Digital Communications	John G. Proakis	2	1989		925
39	Digital Communications (Solution Manual)	John G. Proakis	4	1987	McGraw-Hill	322
40	Digital Design Principles & Practices	John F. Wakerly	3	2001		976
41	Digital Filter Designer's Handbook	C. Britton Rorabaugh	1		McGraw-Hill	331
42	Digital Integrated Circuit Design	Ken Martin	1	2000	Oxford University Press	558

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
43	Digital Integrated Circuits	Jan Rabaey	2		Prentice Hall of India	799
44	Electric Circuits	James W.Nilsson - Susan A. Riedel	6	2001	Prentice Hall	1054
45	Electrical and Electronic Principles and Technology	John Birds	2	2003	Newnes	366
46	Electrical Construction Databook	Robert B. Hickey	1	2002	McGraw-Hill	650
47	Electronic and Optoelectronic Properties of Semiconductor Structures	Jasprit Singh	1	2003	Cambridge University Press	556
48	Electronic Devices and Circuit Theory	Robert Boylestad - Louis Nashelsky	6	1996	Prentice Hall	975
49	Electronics	Allan R. Hambley	2	2000		910
50	Elements of Information Theory	Thomas M. Cover - Joy A. Thomas	1	1991	Wiley-Interscience	564
51	Elements of Photonics (Vol 1)	Keigo Iizuka	1	2002	John Wiley & Sons	655
52	Elements of Photonics (Vol 2)	Keigo Iizuka	1	2002	John Wiley & Sons	646
53	Encyclopedia of Networking	Werner Feibel	2	1996	Network press	1268
54	Engineering Electromagnetics	William H. Hayt - John A. Buck	6	2001	McGraw-Hill	571
55	Engineering Electromagnetics (Solution Manual)	Hayt	1	2001		259
56	Error Control Coding (Fundamentals and Applications)	Shu Lin - Daniel J. Castello	1	1983	Prentice Hall	621

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
57	Error Control Systems for Digital Communication and Storage	Stephen B. Wicker	1	1995	Prentice Hall	528
58	Fabricating Printed Circuit Boards	jon Varteresian	1	2002	Newnes	251
59	Fiber-Optic Communication Systems	Govind P. Agrawal	3	2002	John Wiley & Sons	546
60	Fibre Optic Communication	D. C. Agarwal	2	1993		443
61	Field and Wave Electromagnetics	David K.Cheng	2	1989	Addison-Wesley	722
62	Fields and Waves in Communication Electronics	Simon Ramo	2	1984	John Wiley & Sons	841
63	Fundamentals of RF Circuit Design	Jeremy Everard	1	2001	John Wiley & Sons	307
64	Fundamentals of Wireless Communication	David Tse	1	2004	Cambridge University Press	647
65	Fundamental of Photonics	Bahaa E. A. Saleh - Malvin Carl Teich	1	1991	John Wiley & Sons	982
66	Handbook of Electrical Design Details	Neil Sclater - John E. Traister	2	2003	McGraw-Hill	455
67	High Frequency Techniques	JosephF.White	1	2004	JohnWiley&Sons -IEEE	531
68	High Performance Audio Power Amplifiers	Ben Duncan	2	1997	Newnes	481
69	IEEE Standard VHDL Analog & Mixed-Signal Extensions		1	1999	IEEE	314
70	IEEE Standard VHDL Language Reference Manual		1	2002	IEEE	309

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
71	Information Theory	Robert B. Ash	1	1965	John Wiley & Sons	345
72	Information Theory and Reliable Communication	Robert G. Gallager	1	1968	John Wiley & Sons	603
73	Information Theory, Inference, and Learning Algorithms	David J. C. MacKay	1	2003	Cambridge University Press	640
74	Introduction to Fiber Optics	John Crisp	2	2001	Newsnes	238
75	Introduction to Fourier Optics	Joseph W. Goodman	2	1996	McGraw-Hill	458
76	Introduction to Radar Systems	Merrill I. Skolnik	2	1989		591
77	Introduction to Superconductivity (Rose-Innes)	A. C. Rose Innes - E.H. Rhoderick	2	1978	Pergamon Press	257
78	Introductory Electromagnetics	Herbert p. Neff, Jr.	1	1991	John Wiley & Sons	424
79	Measurement, Instrumentation and Sensors Handbook	John G. Webster	1	1999	CRC Press LLC	2586
80	Microelectronic Circuit Design	Richard C. Jaeger	1	1997	McGraw-Hill	1136
81	Microelectronic Circuits	Adel S. Sedra - Kenneth C. Smith	5	2004	Oxford University Press	1406
82	Microprocessor Design Principles and Practices With VHDL	Enoch O. Hwang	1	2004		341
83	Microstrip Filters for RF Microwave Applications	Jia-Sheng Hong, M. J. Lancaster	1	2001	John Wiley & Sons	478
84	Mixed-Signal And DSP Design Techniques		1	2000	ANALOG DEVICES	424

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
85	Mobile Satellite Communication Networks	Ray E. Sheriff - Y. Fun Hu	1	2001	John Wiley & Sons	381
86	Multi-Carrier and Spread Spectrum Systems	K. Fazel - S. Kaiser	1	2003	Wiley	300
87	Nonlinear Fiber Optics	Govind P. Agrawal	3	2001	Academic Press	481
88	Nonlinear Microwave and RF Circuits	StephenA.Maas	2	2003	Artech House	603
89	Numerical Techniques in Electromagnetics	Matthew N. O. Sadiku	2	2001	CRC Press LLC	750
90	Optical Communication Theory and Techniques	Enrico Foretieri	1	2005	Springer	229
91	Optical Fiber Communications	Gerd Keiser	3	2000	McGraw-Hill	624
92	Optical Fiber Telecommunications III A	Ivan P. Kaminow - Thomas L. Koch	1	1997	Academic Press	623
93	Optical Fiber Telecommunications III B	Ivan P. Kaminow - Thomas L. Koch	1	1997	Academic Press	528
94	Optical Fiber Telecommunications IV A Components	Ivan P. Kaminow - Tingye Li	1	2002	Academic Press	897
95	Optical Sensors and Microsystems	Sergio Martellucci - Arthur N. Chester - Anna Grazia Mignani	1	2002	Kluwer Academic Publishers	306
96	PCB Designers Signal Integrity Guide	Venkata	0			144
97	Phased Array Antenna Handbook	Robert J. Mailloux	2	2005	Artech House	515
98	Phase-Locked Loops for Wireless Communications	Donald R. Stephens	2	2002	KLUWER ACADEMIC PUBLISHERS	434

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
99	Practical Analog and Digital Filter Design	Les Thede	1	2004	Artech House, Inc	277
100	Practical Guide to the Packaging of Electronics	Ali Jamnia	1	2003	Marcel Dekker	208
101	Practical Radio - Frequency Handbook	Ian Hickman	3	2002	Newnes	291
102	Principles and Applications of Electrical Engineering	Giorgio Rizzoni	4		McGraw-Hill	1014
103	Principles of Lightwave Communications	Goran Einarsson	1	1996	John Wiley & Sons	367
104	Principles of Mobile Communication	Gordon L. Stuber	2	2002	KLUWER ACADEMIC PUBLISHERS	769
105	Principles of Spread - Spectrum Communication Systems	Don Torrieri	1	2005	Springer	457
106	Queueing Networks	X. Chao - M. Miyazawa - M. Pinedo	1	1999	John Wiley & Sons	457
107	Queueing Networks and Markov Chains	G. Bolch - S. Greiner - H. De Meer - K. S. Trivedi	1	1998	John Wiley & Sons	745
108	Queueing Theory with Applications to Packet Telecommunication	John N. Daigle	1	2005	Springer	342
109	Radar Handbook	Marrill I. Skolnik	2	1990	McGraw-Hill	846
110	Radio - Frequency and Microwave Communication Circuits	Devendra K. Misra	1	2001	John Wiley & Sons	588
111	Radio and Electronics Cookbook	George Brown	1	2001	Newnes	331
112	Radio Frequency Circuit Design	W. Alan Davis, Krishna Agarwal	1	2001	John Wiley & Sons	341

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
113	Radio Frequency Integrated Circuit Design	John Rogers - Calvin Plett	1	2003	Artech House	431
114	Radio Frequency Integrated Circuits for Communications (Design, Analysis and Experiment)	Mihai Adrian Margarit	1	1999		192
115	Raman Amplification in Fiber Optical Communication Systems	Clifford Headley - Govind P. Agrawal	1	2005	ELSEVIER	389
116	RF CMOS Class C Power Amplifiers for Wireless Communications	Ramakrishna Sekhar Narayanaswami	1	2001		160
117	RF CMOS Power Amplifiers	MONA MOSTAFA HELLA-MOHAMMED ISMAIL	1	2002	KLUWER ACADEMIC PUBLISHERS	111
118	RF Components and Circuits	Joseph J. Carr	1		Newnes	415
119	Rf Design Guide	Petet Vizmuller	1	1995	Artech House	286
120	RF Microelectronics	Behzad Razavi	1	1998	Prentice Hall	345
121	RF- Microwave Circuit Design for Wireless Applications	Ulrich L. Rohde - David P. Newkirk	1	2000	John Wiley & Sons	972
122	Satellite Communication Engineering	Michael O. Kolawole	1	2002	Marcel Dekker	269
123	Satellite Communications	Dennis Roddy	3	2001	McGraw-Hill	585
124	Satellite Communications Systems	G. Maral - M.Bousquet	3	1998		757
125	Semiconductor - Laser Fundamentals	Weng W. Chow - Stephan W. Koch	1	1999	Springer	253
126	Signal Detection and Estimation	Mourad Barkat	2	2005	Artech House	711

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
127	Signals and Systems	Alan V. Oppenheim	2	1997	Prentice Hall	987
128	Silicon VLSI Technology	James D. Plummer-Michael D. Deal-Peter B. Griffin	1	2000	Prentice Hall	831
129	Solid State Electronic Devices	Ben G. Streetman - Sanjay Banerjee	5	2000	Prentice Hall	574
130	Switching Theory	Achille Pattavina	1	1998	John Wiley & Sons	315
131	Synthesis and Simulation Design Guide	Xilinx	1	2000		428
132	The Art of Electronics	Paul Horowitz - Winfield Hill	1	1980		736
133	The Circuit Designer's Companion	Tim Williams	2	2005	Newnes-ELSEVIER	354
134	The Circuits and Filters Handbook	Wai Kai Chen	2	2003	CRC Press LLC	2782
135	The Complete Wireless Communications Professional (a Guid for Engineers and Managers)	William Webb	1	1999	Artech House	402
136	The Design of CMOS RF Integrated Circuits	Thomas H, Lee	2	2004	Cambridge University Press	808
137	The Electrical Engineering Handbook (R.C. Dorf)	Richard C. Dorf	1	2000	Chapman & Hall	2980
138	The RF and Microwave Handbook	Mike Golio	1	2001	CRC Press LLC	1357
139	Theory of Code Division Multiple Access Communication	Kamil She Zigangirov	1	2004	Wiley Interscience - IEEE Press	412
140	Ultra Wideband Signals and Systems in Communication Engineering	M. Ghavami - L. B. Michael - R. Kohno	1	2004	John Wiley & Sons	278

Item	Book Name	Author	Edition	Puplish Date	Puplisher	Total Page
141	Understanding Celleular Radio	William Webb	1	1998	Artech House	281
142	Understanding Optical Communications	Harry J. R. Dutton	1	1998	IBM Corp	638
143	Understanding the GPS	Gregory T. French	1	1996	GeoResearch,Inc	264
144	VHDL	Zainalabedin Navabi	2	1998	McGraw-Hill	654
145	Wireless Communication Systems	Xiaodong Wang - H. Vincent Poor	1	2002	Prentice Hall	763
146	Wireless Communications (Goldsmith)	Andrea Goldsmith	1	2004		445
147	Wireless Communications (Poor)	H. Vincent Poor - Gregory W. Wornell	1	1998	Prentice Hall	426
148	Wireless Communications Systems and Networks	Mohsen Guizani	1	2004	KLUWER ACADEMIC PUBLISHERS	738
149	Wireless Sensor Networks	Feng Zhao - leonidas J. Guibas	1	2004	ELSEVIER - Morgan Kaufmann	376

Sum of Pages = 91272

لیست مجلاتی که کلیه مقالات آنها طی سالهای ذکر شده در

## مجموعه کاد برق ۱

موجود می باشد:

1. Digital Signal Processing (2000-2003)
2. Integration ,The VLSI Journal (2000-2007)
3. Microelectronics Journal (2005-2007)
4. Optical Fiber Technology (2001-2007)
5. Signal Processing (2000-2007)
6. Solid-State Electronics (2005-2006)

---

Total Pages: 27968