

IIT Gandhinagar

LIBRARY

New Addition of Books Vol. 7 No.48, 2014

(Added during 17th – 21st November, 2014)

Serial No.	Call No & Acc. No.	Bibliographic Details of Books
Computer Science		
1.	004 MEM 019357	Memristor networks Adamatzky, Andrew and Chua, Leon New York: Springer, 2014
2.	004.65 JAM 019474	Principles and practices of interconnection networks Dally ,William and James, Towles Amsterdam: Elsevier Academic Press, 2004
3.	004.678 BOU 019485	100 ideas that changed the web Boulton, Jim London: Laurence King Publishers, 2014
4.	005.133 ZEL 019363	Python programming: an introduction to computer science, 2nd ed. Zelle, John M. New York: Franklin Book, 2010
5.	005.133 LAN 019465	Primer on scientific programming with Python, vol. 6, 4th ed. Langtangen, Hans Petter New York: Springer, 2014
6.	005.55 FIN 019461	Multilevel modeling using R Finch, W. Holmes; Bolin, Jocelyn E. and Kelly, Ken Boca Raton: CRC Press, 2014
7.	006.3 AND 019358	Neural information processing systems Anderson, Dana Z. New York: American Institute of Physics, 1988
8.	006.33 FER 019359	New challenges on bioinspired applications : 4th International work-conference on the interplay between natural and artificial computation, IWINAC 2011, La Palma, Canary Islands, Spain, May 30 - June 3, 2011; proceedings, Part II Ferrandez, Jose Manuel London: Springer, 2014

9.	006.37 COM 019375	Computer vision and machine learning with GRB- D sensors Shao, Ling New York: Springer, 2014
10.	006.37 MIT 019488	Computer vision analysis of image motion by variational methods Mitiche, Amar and Aggrawal, J.K. New York: Springer, 2014
11.	006.6 IMA 019377	Image and video-based artistic stylisation Rosin, Paul and Collomosse, John London: Springer-Verlag, 2013
Philosophy		
12.	121.4 CHO 019392	Objectivity and liberal scholarship Chomsky, Noam New York: New Press, 2003
Psychology		
13.	153.42 LEV 019487	Organized mind: thinking straight in the age of information overload Levitin, Daniel J. New York: Penguin Classic, 2014
14.	153.46 HAR 019469	Judgment and decision making : psychological perspectives Hardman, David Malden: John Wiley & Sons, 2009
15.	153.83 GIG 019418	Risk savvy : how to make good decisions Gigerenzer, Gerd New Delhi: Penguin Books, 2014
16.	155.222 BRO 019409	Play: how it shapes the brain, opens the imagination, and invigorates the soul Brown, Stuart New York: Penguin Classic, 2010
17.	158.2 GRA 019408	Give and take: a revolutionary approach to success Grant, Adam M. London: Phoenix Paperback, 2014
18.	193 BRE 019382	For Marx Althusser, Louis London: Verso Books, 2005

Religion		
19.	294.3657092 SHA 019428	Kumarajiva: transcreator of Buddhist Chinese diction Sharma, Nirmala New Delhi: Niyogi Books, 2011
Social Science		
20.	302.23 CHO 019390	Media control: the spectacular achievements of propaganda, 2nd ed. Chomsky, Noam New York: Seven Stories Press, 2002
21.	303.484 ROG 019405	Diffusion of innovations, 5th ed. Rogers, Everett M. New York: Simon & Schuster , 2003
22.	304.80954 KAP 019489	Diaspora, development and democracy : the domestic impact of international migration from India Kapur, Devesh New York: Oxford University Press, 2010
23.	305.26 IMA 019468	Images of aging : cultural representations of later life Featherstone, Mike London: Routledge, 1995
24.	305.4 ESW 019464	Why gender matters in economics Eswaran, Mukesh Princeton: Princeton University Press, 2014
25.	305.430954 LAK 019452	Women of pride: the Devadasi heritage Lakshmi, Vishwanathan New Delhi : Roli Books, 2008
26.	305.6089914 MIG 019347	Migration and religion in Europe :comparative perspectives on south Asian experiences Gallo, Ester England: Ashgate, 2014
27.	305.895922073 THA 019478	Insufficient funds : the culture of money in low-wage transnational families Thai, Hung Cam Stanford: Stanford University Press, 2014
28.	306.46 GAY 019381	Doing cultural studies: the story of the Sony walkman, 2nd ed. Gay, Paul du London: Sage Publications, 2013

29.	320 CHO 019397	Understanding power : the indispensable Chomsky Chomsky, Noam London: Vintage books, 2002
30.	320.973 CHO 019394	Problems of knowledge and freedom: the Russell lectures Chomsky, Noam New York: New Press, 2003
31.	323.17 CHO 019391	New world of indigenous resistance: Noam Chomsky and voices from North, South and central America Meyer, Lois San Francisco: City Lights Foundation Books, 2010
32.	327.73 CHO 019395	Chomsky reader Chomsky, Noam New York: Pantheon books, 1987
33.	335.4 MAR 019385	Marx-Engels reader, 2nd ed. Tucker, Robert C. New York: W.W. Norton and Company, 1978
34.	335.412 LOU 019384	On the reproduction of capitalism: ideology and ideological state apparatuses Althusser, Louis London: Verso, 2014
35.	338.73387 SCH 019470 - 019471	How Google works Schmidt, Eric London: Hachette Group, 2014
36.	338.761006754 KIR 019412	Facebook effect:the inside story of the company that is connecting the world Kirkpatrick, David New York: Simon & Schuster, 2011
37.	338.76213 MAL 019410	Intel trinity: how Robert Noyce, Gordon Moore, and Andy Grove built the world's most important company Malone, Michael S. New York: HarperCollins Publishers, 2014
38.	355.1342 RAW 019421	Brave: Param Vir Chakra stories Rawat, Rachna Bishat New Delhi: Penguin Books, 2014

39.	359.9 STU 019372	Aquatic chemistry: chemical equilibria and rates in natural waters, 3rd ed. Stumm, Werner New York: John Wiley & Sons, 1996
40.	362.175 GAW 019398	Being mortal: medicine and what matters in the end Gawande, Atul Delhi: Penguin Books, 2014
41.	362.19697 HOL 019475	Birth in the age of AIDS : women, reproduction, and HIV/AIDS in India Hollen, Cecilia Van Stanford: Stanford University Press, 2013
42.	364.1320973 BER 019451	All the president's men Bernstein, Carl New York: Simon & Schuster, 2012
43.	364.1370973 GOV 019477	Governing immigration through crime: a reader Dowling, Julie A. and Inda, Jonathan Xavier Stanford: Stanford University Press, 2013
44.	381.4530223 HER 019389	Manufacturing consent : the political economy of the mass media Herman, Edward S. and Chomsky, Noam New York: Pantheon books, 2000
Language		
45.	401 CHO 019482	Knowledge of language : its nature, origin, and use Chomsky, Noam New York: Praeger Publications, 1986
46.	401 OFM 019483	Of minds and language : a dialogue with Noam Chomsky in the Basque country Piattelli-Palmarini, Massimo; Uriagereka, Juan and Salaburu, Pello Oxford: Oxford University Press, 2009
47.	410 CHO 019393	On language: Chomsky's classic works language and responsibility and reflections on language Chomsky, Noam New York: New Press, 2007
48.	410.1 CHO 019396	Minimalist program Chomsky, Noam London: MIT Press, 1995

Mathematics

49.	501.9 OAK 019402	Mind for numbers: how to excel at math and science, even if you flunked algebra Barbara, Oakley New York: Penguin Classic, 2014
50.	509.22 HAR 019467	Great minds : reflections of 111 top scientists Hargittai, Balazs and Hargittai, Magdolna Oxford: Oxford University Press, 2014
51.	512.2 SER 019441	Algebraic groups and class fields : translation of the French edition Serre, Jean-Pierre New York: Springer, 1988
52.	512.44 HER 019443	Monomial ideals Herzog, Jurgen and Hibi, Takayuki London : Springer, 2011
53.	512.55 GIL 019406	Lie groups, lie algebras and some of their applications Gilmore, Robert New York: Dover Publication, 2002
54.	512.74 KOB 019444	P-adic numbers, P-adic analysis, and zeta-functions, 2nd ed. Koblitz, Neal New York: Springer, 1984
55.	513.83 SPA 019366	Algebraic topology Spanier, Edwin H. New York: Springer-Verlag, 1966
56.	514.72 LEV 019440	Algebraic cobordism Levine. M. and Morel, F. Berlin: Springer, 2007
57.	515 SHA 019373	Basic training in mathematics : a fitness program for science students Shankar, R. New York: Springer Science, 2006
58.	515 SNI 019480	Guided tour of mathematical methods: for the physical sciences, 2nd ed. Snieder, Roel Cambridge: Cambridge University Press, 2009
59.	515.42 ATH 019378	Measure theory and probability theory Athreya, Krishna B. and Lahiri, Soumendra N. New York: Springer Science, 2006

60.	516.15 MAN 019388	Fractal geometry of nature Mandelbrot, Benoit B. New York: MacMillan, 1983.
61.	516.3 FUL 019442	Intersection theory, 2nd ed. Fulton, William Berlin: Springer, 1998
62.	516.362 STE 019404	Curvature in mathematics and physics Sternberg, Shlomo New York: Dover Publication, 2012
63.	519.234 ATH 019374	Branching processes Athreya ,K. B. and Ney, Peter E. New York: Springer-Verlag, 1972
Physics		
64.	530 SHA 019376	Fundamental of physics : mechanics, relativity and thermodynamics Shankar ,R. London: Yale University Press, 2014
65.	530.12 COH 019439	Quantum mechanics, vol. 1 Cohen-Tannoudji, Claude New York: Wiley, 1977
66.	530.13 BAL 019386	From microphysics to macrophysics: methods and applications of statistical physics, vol. 1 Balian, Roger New York: Springer-Verlag, 1991
67.	530.143 FAU 019339	Quantum gravity: mathematical models and experimental bounds Fauser, Bertfried; Tolksdorf, Jurgen and Zeidler, Eberhard New York: Springer, 2007
68.	530.143 BAR 019368	Electrodynamics and classical theory of fields & particles Barut, A. O. New York: Dover Publication, 1980.
69.	530.41 IMR 019435	Introduction to mesoscopic physics, 2nd ed. Imry ,Yoseph New York: Oxford University Press, 2008
70.	530.81 SMI 019434	How big is big and how small is small: the sizes of everything and why Smith ,Timothy Paul New York: Oxford University Press, 2013

71.	531 ARN 019369	Mathematical methods of classical mechanics, 2nd ed. Arnold, V.I. New York: Springer Science, 1989
72.	531.32 MEI 019472	Principles and techniques of vibrations Meirovitch, Leonard New Jersey: Prentice Hall, 1997
73.	535.84 NEU 019466	Fundamentals of dispersive optical spectroscopy systems Neumann, Wilfried Bellingham: SPIE Press, 2014
74.	537.01518282 SAD 019365	Monte Carlo methods for electromagnetics Sadiku, Matthew N.O. Boca Raton: CRC Press, 2009
75.	537.623 POO 019338	Superconductivity, 3rd ed. Poole, Charles P. Waltham: Elsevier Academic Press, 2014
76.	538.44 AHA 019436	Introduction to the theory of ferromagnetism, 2nd ed. Aharoni, Amikam New York: Oxford University Press, 1996
Chemistry		
77.	546 TUR 019383	Inorganic chemistry in tables Turova, Nataliya New York: Springer-Verlag, 2011
Geology		
78.	550.1511313 FUZ 019346	Fuzzy logic in geology Demicco, Robert Boston: Elsevier Academic Press, 2004
79.	550.727 GIL 019345	Univariate time series in geosciences theory and examples Gilgen, Hans New York: Springer, 2006
80.	551 BEL 019342	Basic environmental and engineering geology Bell, F.G. Boca Raton: CRC Press, 2007
81.	551.302 SOI 019340	Soil erosion and sediment redistribution in river catchments: measurement, modelling and management Owens, P. N. Wallingford: CABI International, 2006

82.	551.410151 SAG 019337	Mathematical morphology in geomorphology in GISci Daya Sagar, B.S. Boca Raton: CRC Press, 2013
83.	551.49 DOM 019343	Physical and chemical hydrogeology, 2nd ed. Domenico, Patrick A. and Schwartz, Franklin W. New York: John Wiley & Sons, 1998
84.	551.6 GEO 019341	Geoinformatics for climate change studies Joshi, P. K. and Singh, T. P. New Delhi: Teri publication, 2011
85.	551.9 FAU 019344	ISOTOPES: principles and applications, 3rd ed. Faure, Gunter and Mensing, Teresa M. New York: John Wiley & Sons, 2004
Biology		
86.	570.151 BOD 019463	Mathematics for the life sciences Bodine, Erin N.; Lenhart, Suzanne and Gross, Louis J. Princeton: Princeton University Press, 2014
87.	573.8 COM 019355	Computational systems neurobiology Le Novere, Nicolas New York: Springer Science, 2012
88.	576.5 AAR 019414	Misbehaving science : controversy and the development of behavior genetics Panofsky, Aaron Chicago: University Of Chicago Press, 2014
Medicine		
89.	610.289 GAW 019401	Checklist manifesto: how to get things right Gawande, Atul Delhi: Penguin Books, 2010
90.	614.514096 ECH 019379	Africa in the time of Cholera: a history of pandemics from 1815 to the present Echenberg, Myron Cambridge: Cambridge University Press, 2011
91.	616 GAW 019399	Better: a surgeons notes on performance Gawande, Atul New Delhi: Penguin Books, 2007
92.	616.07543 KUC 019422	Radon transform and medical imaging Kuchment, Peter Philadelphia: SIAM, 2014

93.	617.092 GAW 019400	Complications: notes from the life of a young surgeon, 1st ed. Gawande, Atul New Delhi: Penguin Books, 2002
Engineering		
94.	620.11015118 MUL 019458	Multiscale modeling of heterogenous materials: from microstructure to macro-scale properties Cazacu, Oana New Jersey: John Wiley & Sons, 2008
Electrical Engineering		
95.	621.317 NON 019370	Nonlinear phenomena in power electronics : attractors, bifurcations, chaos, and nonlinear control Banerjee, Soumitro and Verghese ,George C. New York: IEEE Press, 2001
96.	621.31912 PAD 019367	Analysis of subsynchronous resonance in power systems: Padiyar, K.R. New York: Springer, 1999
97.	621.367 BUR 019462	Principles of digital image processing : fundamental techniques Burger, Wilhelm and Burge, Mark J. London: Springer, 2009
98.	621.367 IMA 019473	Image Fusion: Algorithms and Applications Stathaki ,Tania London: Elsevier, 2008
99.	621.38 MAT 019456	Mathematical foundations for signal processing, communications, and networking Serpedin, Erchin; Chen, Thomas and Rajan,Dinesh Boca Raton: CRC Press, 2011
100.	621.381 CHI 019354	Chips 2020 : a guide to the future of nanoelectronics Hoefflinger, Bernd New York: Springer Science, 2012
101.	621.381 ROB 019362	Robust computing with nano-scale devices : progresses and challenges Huang, Chao New York: Springer, 2010
102.	621.3815 EUR 019360	Principles of asynchronous circuit design: a systems perspective Sparso, Jens New York: Springer, 2010

103.	621.3815 PRO 019361	Processor design: system-on-chip computing for ASICs and FPGAs Nurmi, Jari New York: Springer, 2007
104.	621.3815 DOL 019371	Piezoresistor design and applications: microsystems and nanosystems, Vol. 1 Doll, Joseph C. and Pruitt, Beth L. New York: Springer Science, 2013
105.	621.382 DIG 019453- 019455	Digital signal processing handbook, 2nd ed.; 3 vol. set Madiseti ,Vijay K. Boca Raton: CRC Press, 2010
106.	621.382 COS 019460	Multiple-input multiple-output channel models : theory and practice Costa, Nelson and Haykin, Simon Hoboken: John Wiley & Sons, 2010
107.	621.3822028553 ALK 019457	Signals and systems : a MATLAB integrated approach Alkin ,Oktay Boca Raton: CRC Press, 2014
108.	621.39 JEO 019380	Architectures for computer vision: from algorithm to chip with verilog Jeong, Hong New York: John Wiley & Sons, 2014
109.	621.395 LAV 019348	Algorithms for synthesis and testing of asynchronous circuits Lavagno, Luciano and Sangiovanni-Vincentelli, Alberto New York: Springer Science, 1993
110.	621.395 GAR 019349	Analysis and design of resilient VLSI circuits: mitigating soft errors and process variations Garg, Rajesh New York: Springer Science, 2010
111.	621.395 BRZ 019350	Asynchronous circuits Brzozowski, Janusz A. and Seger, Carl-Johan H. New York: Springer-Verlag, 1995
112.	621.395 ASY 019351	Asynchronous digital circuit design Birtwistle, Graham and Davis, Alan New York: Springer Science, 1995
113.	621.395 NYS 019352	Asynchronous pulse logic Nystrom, Mika and Martin, Alain J. New York: Springer Science, 2002

114.	621.395 COR 019356	Logic synthesis for asynchronous controllers and interfaces Cortadella, J. [et al...] New York: Springer Berlin Heidelberg, 2002
115.	621.3981 BAI 019353	Asynchronous system-on-chip interconnect Bainbridge, John New York: Springer Science, 2002
Military Engineering		
116.	623.45119095491 KHA 019476	Eating grass : the making of the Pakistani bomb Khan, Feroz Hassan Stanford: Stanford University Press, 2012
Civil Engineering		
117.	629.13092 LAL 019417	Beyond the last blue mountain: a life of J.R.D. Tata Lala, R.M. New Delhi: Penguin Books, 2000
118.	629.24 REI 019407	Automotive chassis: engineering principles, 2nd ed. Reimpell, Jornsens; Stoll, Helmut and Betzler, Jurgen W. New York: Elsevier, 2001
119.	629.243 BAS 019403	Car suspension and handling, 4th ed. Bastow, Donald; Howard, Geoffrey and Whitehead, John P. New York: SAE International, 2004
Management		
120.	658.11 THI 019411	Zero to one: notes on startups or how to build the future Thiel, Peter London: Penguin Classic, 2014
121.	658.403 BER 019364	More beautiful question : the power of inquiry to spark breakthrough ideas Berger , Warren New York: Bloomsbury Publishing, 2014
122.	658.403 HOR 019413	Hard thing about hard things: building a business when there are no easy answers Ben, Horowitz New York: HarperCollins Publishers, 2014
123.	658.872 HAN 019416	Everybody writes: your go-to guide to creating ridiculously good content Handley, Ann New York: John Wiley & Sons, 2014

Chemical Engineering

124.	660 ONE 019387	One hundred years of chemical engineering: From Lewis M. Norton, M.I.T. 1888 to present Peppas, Nicholas A. New York: Kluwer Academic , 1989
------	-------------------	--

Manufacturing

125.	681.25 KUR 019459	Essential principles of image sensors Kuroda, Takao Boca Raton: CRC Press, 2014
------	----------------------	---

Arts & Design

126.	720.95414 DAS 019424	Architecture of Santiniketan: Tagore's concept of space Das, Samit New Delhi: Niyogi Books, 2013
127.	726.1450954 MIC 019423	Temple architecture and art of the early Chalukyas: Badami, Mahakuta, Aihole, Pattadakal Michell, George New Delhi: Niyogi Books, 2014
128.	757.7095487 DAL 019431	Ragachitra : Deccani Ragamala paintings Daljeet New Delhi: Niyogi Books, 2014
129.	759.954 IND 019427	Indian painting: the lesser-known traditions Dallapiccola, Anna L. New Delhi: Niyogi Books, 2011
130.	780.92 SHI 019433	Shiv Kumar Sharma : the man & his music Puri, Ina New Delhi: Niyogi Books, 2014
131.	782.009 POT 019481	History of singing Potter, John and Sorrell, Neil Cambridge: Cambridge University Press, 2012
132.	787.2092 SAN 019486	Teaching genius: Dorothy delay and the making of a musician Sand, Barbara Lourie Portland: Amadeus Press, 2000
133.	788.52 SIN 019426	Bismillah Khan: maestro from Benaras Sinha, Juhi New Delhi: Niyogi Books, 2011

134.	791.430954 LIG 019430	Light of Asia : Indian silent cinema, 1912-1934 Chabria, Suresh New Delhi: Niyogi Books, 2013
135.	792.092 GOK 019432	SatyadevDubey: fifty year journey through theatre Gokhale , Shanta New Delhi: Niyogi Books, 2011
136.	793.3192 SEN 019425	BirjuMaharaj: master through my eyes Sen, Saswati New Delhi: Niyogi Books, 2013
137.	808 RAO 019336	Kalidasa for the 21st century reader: selected poetry and drama Rao, Mani New Delhi: Aleph Book Company, 2014
Literature		
138.	809.891724 AHM 019484	In theory : nations, classes, literatures Ahmad, Aijaz London: verso, 2008
139.	813.52 FIT 019446	Great Gatsby Fitzgerald, F. Scott New York: Simon & Schuster, 1925
140.	813.54 GIB 019419	Neuromancer Gibson, William New York: Penguin Group, 2000
141.	813.54 KIN 019448	Poisonwood Bible: a novel Kingsolver, Barbara New York: HarperCollins Publishers, 1998
142.	813.54 MUN 019449	Selected stories Munro, Alice New York: Vintage, 2009
143.	813.6 VER 019445	Cutting for stone Verghese, Abraham Gurgen: Random House, 2009
144.	820.93582 EMI 019415	Emissaries in early modern literature and culture : mediation, transmission, traffic, 1550-1700 Charry, Brinda England: Ashgate, 2009

145.	823.912 JER 019420	Three men in a boat: to say nothing of the dog Jerome, Jerome K. New york: Penguin Classic, 2004
146.	823.914 JUS 019447	Phantom tollbooth Juster, Norton New York: Random House, 1988
147.	823.92 POD 019438	Escape from Harem : a Mughal saga of romance, revenge and retribution Podder ,Tanushree New Delhi: Roli Books, 2013
History & Geography		
148.	954.025 019437	Private life of the Mughals of India, 1526-1803 A.D Nath, R. New Delhi: Rupa Publications,, 2013
149.	954.82 CLA 019479	Right spouse: preferential marriages in Tamil Nadu Clark-Deces, Isabelle Stanford: Stanford University Press, 2014
150.	954.84 NAR 019429	Legendotes of Hyderabad Luther, Narendra New Delhi: Niyogi Books, 2014
151.	973.7092 GOO 019450	Team of rivals : the political genius of Abraham Lincoln Goodwin , Doris Kearns New York: Simon & Schuster, 2005