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**New Addition of Books Vol. 7 No. 9, 2014**

**(Added during 24<sup>th</sup> – 28<sup>th</sup> February, 2014)**

Serial No.	Call No & Acc. No.	Bibliographic Details of Books
<b>Computer Science</b>		
1.	004.0151 DAV 017126	Linear algebra and probability for computer science applications Davis, Ernest Boca Raton: CRC Press, 2012
2.	004.60151972 OKI 017127	Linear programming and algorithms for communication networks: a practical guide to network design, control, and management Oki, Eiji Boca Raton: CRC Press, 2013
3.	005.1 HRO 017083	Algorithmic adventures from knowledge to magic Hromkovic, Juraj Berlin: Springer, 2009.
4.	005.1 VAZ 017090	Approximation algorithms Vazirani, Vijay New York: Springer, 2001
5.	005.2752 PAC 017074	Parallel programming with MPI Pacheco, Peter S. San Francisco: Morgan Kaufmann Publishers. Elsevier, 1997
6.	005.4 ROS 017098	Learning I Python for interactive computing and data visualization Rossant, Cyrille New Delhi: Shroff Publishers and Distributors, 2013
7.	006.31 ROG 017112	First course in machine learning Rogers, Simon Boca Raton: CRC Press, 2012
8.	006.312 PRA 017082	Practical text mining and statistical analysis for non-structured text data applications (Accompanying with CD-ROM Accn # C00714) Miner, Gary ... [et al.] Waltham: Academic Press, 2012
9.	006.312 RAP 017053	Rapid Miner: data mining use cases and business analytics applications Hofmann, Markus (ed.) Boca Raton: CRC Press, 2014
10.	006.601516 DIG 017106	Digital geometry in image processing Mukhopadhyay, Jayanta J....[et al.] Boca Raton: CRC Press, 2013

11.	025.32 WEL 017142	Practical cataloguing: AACR, RDA and MARC21 Welsh, Anne London: facet publishing, 2012
12.	070.5 BEN 017058	What editors want: an author's guide to scientific journal publishing Benson, Philippa J. Chicago: University of Chicago Press, 2013
<b>Philosophy &amp; Psychology</b>		
13.	155.4 ERI 017046	Childhood and society Erikson, Erik H. London: Norton, 2000
14.	181.06 BUB 017148	I and thou Buber, Martin London: Bloomsbury Publishing Plc., 2013
15.	193 TEN 017117	Gottfried Wilhelm Leibniz: the polymath who brought us calculus Tent, M. B. W. Boca Raton: CRC Press, 2012
<b>Religion</b>		
16.	294.54033 OFL 017099	Dreams, illusion, and other realities OFlaherty, Wendy Doniger Chicago: University Of Chicago Press, 1986
17.	294.59218 AUR 017146 - 147	Upanishads part 1 and 2 Aurobindo, Sri Pondicherry: Sri Aurobindo Ashram Publication, 2003
<b>Social Sciences</b>		
18.	305.0954 INS 017086	Institutions and inequalities: essays in honour of André Béteille Guha, Ramachandra (ed.) New Delhi: Oxford University Press, 2011
19.	332.0113 STE 017084	Automate this: how algorithms to rule our world Steiner, Christopher New York: Portfolio, 2013
20.	332.632042 BES 017133	Portfolio optimization (Accompanying with CD-ROM Accn # C00717) Best, Michael J. Boca Raton: CRC Press, 2010
21.	370.1523 ASB 017157	G is for genes: the impact of genetics on education and achievement Asbury, Kathryn Chichester: Wiley Blackwell, 2014
22.	339.46 BAN 017054	Poor economics: rethinking poverty and the ways to end it Banerjee, Abhijit V. New Delhi: Random House India, 2012
<b>Language</b>		
23.	418.02 RIC 017047	On translation Ricoeur, Paul New Delhi: Routledge, 2006

24.	491.2321 APT 017055	Student`s Sanskrit-English dictionary Apte, Vaman Shivaram, Delhi: Motilal Banarsidass Publishers, 1970
<b>Natural Sciences</b>		
25.	502.82 SCA 017078	Scanning probe microscopy of functional materials Kalinin, Sergei V. (ed.) New York: Springer-Verlag, 2010
26.	502.85 JON 017122	Introduction to scientific programming and simulation using R Robinson Jones, Owen Boca Raton: CRC Press, 2009
<b>Mathematics</b>		
27.	510 KRA 017108	Elements of advanced mathematics Krantz, Steven G. Boca Raton: CRC Press, 2012
28.	510 ZIE 017107	Do I count?: stories from mathematics Ziegler, Gunter M. Boca Raton: CRC Press, 2013
29.	510.92 BEL 017101	Abraham De Moivre: setting the stage for classical probability and its applications Bellhouse, David R. Boca Raton: CRC Press, 2011
30.	511.322 STI 017136	Roads to infinity: the mathematics of truth and proof Stillwell, John Boca Raton: CRC Press, 2010
31.	511.33 FRE 017129	Metaharmonic lattice point theory Freedon, Willi Boca Raton: CRC Press, 2011
32.	511.6 COM 017094	Combinatorial scientific computing Naumann, Uwe (ed.) Boca Raton: CRC Press, 2012
33.	512.46 SAT 017131	Near rings, fuzzy ideals, and graph theory Satyanarayana, Bhavanari Boca Raton: CRC Press, 2013
34.	512.5 GOC 017111	Finite-dimensional linear algebra Gockenbach, Mark S. Boca Raton: CRC Press, 2010
35.	512.5 HAN 017134	Practical linear algebra: a geometry toolbox, 3 <sup>rd</sup> ed. Farin, Gerald Boca Raton: CRC Press, 2014
36.	512.7 WAT 017079	Number theory: a historical approach Watkins, John J. Princeton: Princeton University Press, 2014
37.	512.9434 KIR 017118	Group inverses of M-matrices and their applications Kirkland, Stephen J. Boca Raton: CRC Press, 2013

38.	512.9436 ATK 017130	Multi parameter eigenvalue problems: Sturm-Lowville theory Atkinson, F. V. Boca Raton: CRC Press, 2011
39.	514.3 ARM 017091 - 093	Basic topology Armstrong, M. A. New York: Springer-Verlag, 1983
40.	514.3 KEL 017095 - 097	General topology Kelley, J. L. New York: Springer-Verlag, 1955
41.	515 PET 017102	Advanced calculus: theory and practice Petrovic, John Srdjan Boca Raton: CRC Press, 2014
42.	515.353 MCO 017139	Partial differential equations: methods and applications Mcowen, Robert C. Upper Saddle, NJ: Prentice Hall, 2003
43.	515.355 POL 017119	Handbook of nonlinear partial differential equations Polyanin, Andrei D. Boca Raton: CRC Press, 2012
44.	515.39 GUL 017109	Encounters with chaos and fractals Gulick, Denny Boca Raton: CRC Press, 2012
45.	515.42 WHE 017128	Measure and integral: an introduction to real analysis Wheeden, Richard L. Boca Raton: CRC Press, 1977
46.	515.45 MAN 017104	Applied singular integral equations Mandal, B. N. Boca Raton: CRC Press, 2011
47.	515.64 ANS 017115	Generalized convexity, nonsmooth variational inequalities, and nonsmooth optimization Ansari, Qamrul Hasan Boca Raton: CRC Press, 2014
48.	515.64 BUR 017124	Introduction to the calculus of variations and control with modern applications Burns, John A. Boca Raton: CRC Press, 2014
49.	515.96 FRE 017116	Geomathematically oriented potential theory Freedden, W. Boca Raton: CRC Press, 2013
50.	516.0028551 COM 017085	Computational geometry: algorithms and applications Berg, Mark de ... [et al.] Berlin: Springer, 2008
51.	516.1 CON 017137	Symmetries of things Conway, John H. Boca Raton: CRC Press, 2008
52.	516.373 CAR 017071	Riemannian geometry Carmo, Manfredo Perdigao Do. Boston: Birkhauser, 1992

53.	518.02462 CHA 017073	Numerical methods for engineers Chapra, Steven C. New York: McGraw Hill, 2010
54.	519.2 LAW 017123	Introduction to stochastic processes Lawler, Gregory F. Boca Raton: CRC Press, 2006
55.	519.2 ROT 017135	Probability and stochastic modeling Rotar, Vladimir I. Boca Raton: CRC Press, 2012
56.	519.23 ALL 017103	Introduction to stochastic processes with applications to biology Allen, Linda J. S. Boca Raton: CRC Press, 2011
57.	519.535028551 HUS 017110	Exploratory multivariate analysis by example using R Husson, Franc Francois Boca Raton: CRC Press, 2011
58.	519.54 LIE 017125	Introduction to the theory of statistical inference Liero, Hannelore Boca Raton: CRC Press, 2012
59.	519.72 KWO 017121	Introduction to linear optimization and extensions with MATLAB Kwon, Roy H. Boca Raton: CRC Press, 2014
60.	523.4 GLA 017056	Introduction to modeling convection in planets and stars: magnetic field, density stratification, rotation Glatzmaier, Gary A. Princeton: Princeton University Press, 2014
<b>Physics</b>		
61.	530.12 GAL 017140	Exploring quantum mechanics: a collection of 700+ solved problems for students, lecturers, and researchers Galitski Victor New Delhi: Oxford University Press, 2013
62.	531.16 SUN 017132	Particle swarm optimization: classical and quantum perspectives (Accompanying with CD-ROM Accn # C00716) Sun, Jun Boca Raton: CRC Press, 2012
63.	532 PLE 017080	Computational fluid mechanics and heat transfer Pletcher, Richard H. Boca Raton: CRC Press, 2014
<b>Chemistry</b>		
64.	541.28 ATK 017087	Molecular quantum mechanics Atkins, P. W. New York: Oxford University Press, 2011
65.	541.28 MCQ 017088 - 089	Quantum chemistry McQuarrie, Donald A. Mumbai: Viva Books, 2003
66.	543.0858 BAN 017075 - 076	Fundamentals of molecular spectroscopy Banwell, C. N. New Delhi: Tata McGraw-Hill Publishing, 1994

67.	543.62 EGE 017077	Electron energy-loss spectroscopy in the electron microscope Egerton, R. F. New York: Springer, 2011
68.	552.5 TUC 017156	Sedimentary rocks in the field: a practical guide Tucker, Maurice E. Chichester: Wiley-Blackwell, 2011
69.	572.86 BUT 017061	Forensic DNA typing: biology technology and genetics of STR markers Butler, John M. London: Elsevier Academic Press, 2005
<b>Technology</b>		
70.	609.03 MIS 017057	Leonardo to the Internet: technology & culture from the renaissance to the present, 2 <sup>nd</sup> ed. Misa, Thomas J. Baltimore: Johns Hopkins University Press, 2011
71.	616.833 PAR 017081	Parkinson's disease and movement disorders: diagnosis and treatment guidelines for the practicing physician Adler, Charles H. (ed.) Totowa: Humana Press, 2000
<b>Engineering</b>		
72.	620.0042072 BLE 017065	DRM, a design research methodology Blessing, Lucienne T. M. London: Springer, 2009
73.	620.106 CHH 017062	Non-Newtonian flow and applied rheology: engineering applications Chhabra, R. P. Boston: Elsevier, 2008
74.	620.11 ZEY 017064	Five decades of tackling models for stiff fluid dynamics problems: a scientific autobiography Zeytounian, R. Kh. New York: Springer, 2013
75.	620.11295 SEL 017066	Analysis and simulation of semiconductor devices Selberherr, Siegfried Vienna: Springer, 1984
76.	621.3 PRA 017048	Fundamentals of electrical engineering Prasad, Rajendra New Delhi: PHI Learning, 2014
77.	621.367 MUK 017120	Image and video processing in the compressed domain (Accompanying with CD-ROM Accn # C00715) Mukhopadhyay, Jayanta Boca Raton: CRC Press, 2011
78.	621.3678 SAB 017100	Remote sensing : principles and interpretation Sabins, Floyd F. New York: W.H. Freeman and Co, 1997
79.	621.3815 MMW 017068	mm-wave silicon technology: 60GHz and beyond Niknejad, Ali M. (ed.) New York: Springer Science, 2008

80.	621.3815284 CRO 017067	Matching properties of deep sub-micron MOS transistors Croon, Jeroen A. New York: Springer Science, 2005
81.	621.392 PED 017144	Finite state machines in hardware: theory and design Pedroni, Volnei A. Cambridge: MIT Press, 2013
<b>Civil Engineering</b>		
82.	624.15136 DEA 017070	Advanced geotechnical engineering: soil-structure interaction using computer and material models Desai, C. S. Boca Raton: CRC Press, 2013
83.	627.011 ADV 017063	Advances in hydroinformatics: new frontiers of simulation Gourbesville, Philippe (ed.) Singapore: Springer, 2014
84.	629.1323 PRO 017059	Proceedings of 6th symposium on applied aerodynamics and design of aerospace vehicles Gupta, R. K. (ed.) Hyderabad: national Organization Committee, SAROD, 2013
<b>General Management</b>		
85.	658.4033 TZE 017113	Fuzzy multiple objective decision making Tzeng, Gwo-Hshiung, Boca Raton: CRC Press, 2014
86.	658.422 CHA 017143	Boards that lead : when to take charge, when to partner, and when to stay out of the way and Charan, Ram Boston: Harvard Business School Press, 2013
<b>Chemical Engineering</b>		
87.	660.2812 SMI 017072	Chemical process design and integration Smith, R. Chichester: John Wiley & Sons, 2005
88.	665.5384 COM 017060	Combustion optimization of blended coal Central Electricity Authority STEAGE Energy Services Pvt Ltd. New Delhi: STEAG, 2013
89.	668.374 SYN 017141	Synthetic resins technology handbook NIIR board of consultants & engineers NIIR Board of Consultants & Engineers. Delhi: Asia Pacific Business Press Inc.
90.	671.37 UPA 017052	Powder metallurgy: science, technology and materials Upadhyaya, Anish Hyderabad: Universities Press, 2011
<b>Arts &amp; Design</b>		
91.	720.954 ARC 017049 - 051	Architecture of Manasara Panda, N. C. (ed.) Delhi: Bharatiya Kala Prakashan, 2011
92.	746.4 BEL 017105	Crafting by concepts: fiber arts and mathematics Belcastro, Sarah-Marie Boca Raton: CRC Press, 2011

93.	759.9540904 VAS 017155	Tradition and modernity in Indian arts: during the twentieth century Vashishtha, Neelima Shimla: Indian Institute of Advanced Study, 2010
94.	778.52350285 BRI 017145	Art and science of digital compositing: techniques for visual effects, animation and motion graphics, 2 <sup>nd</sup> ed. Brinkmann, Ron Boston: Elsevier Academic Press, 2008
95.	793.734 GRA 017138	Train your brain: a year`s worth of puzzles Gratzer, George Boca Raton: CRC Press, 2011
96.	794.81536 BUR 017114	Game design theory: a new philosophy for understanding games Burgun, Keith Boca Raton: CRC Press, 2013
<b>Literature</b>		
97.	891.21009 CON 017151	Concept of rasa: with special reference to Abhinavagupta Pande, S. C. (ed.) Shimla: Indian Institute of Advanced Study, 2009
98.	891.409 BUD 017150	Buddhism in Indian literature Dash, Narendra Kumar (ed.) Shimla: New Indian Institute of Advanced Study, 2007
99.	891.4337 TRI 017152	Kamarupa – Kalinga - Mithila: a politico-cultural alignments in Eastern India history, art, Tradition Tripathi, Chandra Dhar Shimla: Indian Institute of Advanced Study, 2008
<b>History &amp; Geography</b>		
100.	930.1 ARC 017069	Archaeology in practice: a student guide to archaeological analyses, 2 <sup>nd</sup> ed. Balme, Jane (ed.) West Sussex: Wiley Blackwell, 2014
101.	930.10954 SIN 017154	Archaeology of the Ganga Plain: cultural-historical dimensions Singh, Purushottam Shimla: Indian Institute of Advanced Study, 2010
102.	954.2 SIN 017149	Archaeology of middle Ganga plain new perspectives: excavations at Agiabir Singh, Purushottam Shimla: Indian Institute of Advanced Study, 2004
103.	970.5 MIS 017153	Silpa in Indian tradition: concept and instrumentalities Misra, R. N. Shimla: Indian Institute of Advanced Study, 2009