

Indian Institute of Technology Gandhinagar

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New Addition of Books Vol. 8 No. 32, 2015

(Added during 10th - 14th August, 2015)

Serial No.	Call No & Acc. No.	Bibliographic Details of Books
Computer Science		
1.	001.30285 SVE 022192	<u>Between humanities and the digital</u> Svensson, Patrik and Goldberg, David Theo (Eds.) Cambridge: MIT Press, 2015
2.	001.42 THI 022195	<u>Research methods for engineers</u> Thiel, David V. New York: Cambridge University Press, 2014
3.	006 OHT 022113	<u>Mixed reality: merging real and virtual worlds</u> Ohta, Yuichi and Tamura, Hideyuki (Eds.) New York: Springer, 1999
4.	006.3823 PER 022161	<u>Evolutionary optimization and game strategies for advanced multi-disciplinary design</u> Periaux, Jacques; Gonzalez, Felipe and Lee, Dong Seop Chris New York: Springer, 2015
5.	006.686 FAU 022137	<u>Adobe Photoshop CC classroom in a book</u> Faulkner, Andrew and Gyncild, Brie Boston: Pearson Addison Wesley, 2015
6.	006.686 KEL 022139	<u>Adobe Photoshop CC book for digital photographers</u> Kelby, Scott Boston: Pearson Addison Wesley, 2015
7.	010.727 ROE 022123	<u>Meaningful metrics: a 21st century librarians guide to bibliometrics, altmetrics, and research impact</u> Roemer, Robin Chin New York: American Library Association, 2015
8.	066.454 RAM 022112	<u>Auditory user interface: toward the speaking computer</u> Raman, T.V New York: Springer, 1997

Philosophy		
9.	111.85 PON 022148	The Merleau-Ponty aesthetics reader: philosophy and painting Johnson, Galen A. (Ed.) Chicago: Northwestern University Press, 199
10.	121 RAD 022199	Knowing without thinking: mind, action, cognition and the phenomenon of the background Radman, Zdravko (Ed.) Hampshire: Palgrave Macmillan Publication, 2012
11.	121.34 STO 022168	Perception and its modalities Stokes, Dustin; Mohan Matthen and Stephen Biggs (Eds.) New York: Oxford University Press, 2015
12.	128.2 CAP 022197	Enactive cognition at the edge of sense-making: making sense of non-sense Cappuccio, Massimiliano and Froese, Tom (Eds.) Hampshire: Palgrave Macmillan Publication, 2014
Psychology		
13.	153 KIV 022198	Heidegger and cognitive science Kiverstein, Julian and Michael Wheeler (Eds.) Hampshire: Palgrave Macmillan Publication, 2011
14.	194 DER 022147	Animal that therefore I am Derrida, Jacques New York: Fordham University Press, 2008
15.	194 NAD 022125	Philosopher, the priest, and the painter: a portrait of Descartes Nadler, Steven Princeton: Princeton University Press, 2013
Sociology		
16.	300.72 CHA 022186	Constructing grounded theory: a practical guide through qualitative analysis Charmaz, Kathy London: Sage Publications, 2014
17.	302 VIR 022164	Evolutionary perspectives on social psychology Virgil, Zeigler Hill; Welling, Lisa L. M. and Shackelford, Todd New York: Springer, 2015

18.	303.4 MOR 022128	Centuries of change: which century saw the most change? Mortimer, Ian New York: Random House, Inc., 2014
19.	303.490954 KAL 022189	Manifesto for change : a sequel to India 2020 Abdul Kalam, A. P. J. New York: Harper Collins Publishers India, 2004
20.	303.690954 RAO 022191	Managing India Rao, S.L. New Delhi: Academic Foundation,2015
Political Science		
21.	320.954 LUD 022196	Making India Hindu: religion, community, and the of democracy in India Ludden, David (Ed.) New York: Oxford University Press,2006
22.	353.409540903 KOL 022180	Colonial justice in British India: white violence and the rule of law Kolsky, Elizabeth New York: Cambridge University Press, 2010
23.	384.5532954 MEH 022190	Behind a billion screens: what television tells us about modern India Mehta, Nalin New York: Harper Collins Publishers India, 2015
Language		
24.	401 BOR 022177	Philosophy of language: historical foundations and contemporary issues Borgmann, Albert New York: Springer, 1974
Science		
25.	509.252 SWA 022138	Headstrong: 52 women who changed science-and the world Swaby ,Rachel New York: Broadway, 2015
Mathematics		
26.	510 AIG 022175	Proofs from the book Aigner, Martinand Ziegler, Gunter M. New York: Springer Science, 2010

27.	510.285BOR 022160	Introduction to modern mathematical computing Borwein, Jonathan M. and Skerritt, Matthew P. New York: Springer Science, 2012
28.	510.76POL 022135	Stanford mathematics problem book: with hints and solutions Polya, Georg and Kilpatrick, Jeremy New York: Dover Publication, 1985
29.	510.9DOW 022181	Computation, proof, machine mathematics enters a new age Dowek, Gilles New York: Cambridge University Press, 2015
30.	511.36BEC 022157	Art of proof: basic training for deeper mathematics Beck, Matthias and Geoghegan, Ross New York: Springer, 2010
31.	511.6HAR 022142	Combinatorics and graph theory Harris, John; Hirst, Jeffrey L. and Mossinghoff, Michael New York:Springer Science, 2008
32.	511.6KIR 022143	Combinatorics: theory and applications Krishnamurthy, V. New Delhi: Affiliated East, 1985
33.	512.5GOL 022150	Linear algebra a beginning graduate student ought to know Golan, Jonathan S. New York: Springer, 2012
34.	512.5LAN 022152	Linear algebra Lang, Serge New York: Springer, 1987
35.	512.5PET 022155	Linear algebra Petersen, Peter New York: Springer, 2012
36.	512.9076POS 022129	Challenging problems in algebra Posamentier, Alfred S.and Salkind, Charles T. New York: Dover Publication, 1996
37.	512.9434GEN 022149	Matrix algebra: theory, computations, and applications in Statistics Gental, James E. New York: Springer, 2007

38.	515.7CLA 022158	Functional analysis, calculus of variations and optimal control Clarke, Francis New York: Springer, 2013
39.	515.7RYN 022159	Linear functional analysis Rynne, Bryan and Youngson, M.A. New York: Springer, 2008
40.	515.352ARN 022151	Ordinary differential equations Arnold, Vladimir I. New York: Springer, 2012
41.	515.723AMI 022156	Mastering the discrete fourier transform in one, two or several dimensions: pitfalls and artifacts Amidror, Isaac New York: Springer, 2013
Statistics and Probabilities		
42.	516.0076POS 022130	Challenging problems in geometry Posamentier, Alfred S. and Salkind, Charles T. New York: Dover Publication, 1996
43.	519.2AZE 022154	Large deviations at Saint-flour Azencott, Robert; Freidlin, Mark I. and Varadhan, S.R.S. New Delhi: Springer, 2013
44.	519.201ECK 022178	Paradoxes in probability theory Eckhardt, William New Delhi: Springer, 1955
45.	519.2076MOS 022132	Fifty challenging problems in probability with solutions Mosteller, Frederick New York: Dover Publication, 1987
46.	519.233STR 022153	Multidimensional diffusion processes Stroock, Daniel W. and Varadhan, S.R.S. New York: Springer, 1997
Astronomy		
47.	523.1 OST 022124	Heart of darkness: unraveling the mysteries of the invisible universe Ostriker, Jeremiah P. and Mitton, Simon Princeton: Princeton University Press, 2013

48.	523.1 VIS 022176	Universe unveiled: the cosmos in my bubble bath Vishveshwara, C. V. New York: Springer, 2015
Physics		
49.	530.1 PAD 022118	Sleeping beauties in theoretical physics: 26 surprising insights Padmanabhan, Thanu New York: Springer, 2015
50.	530.12 HAA 022120	Local quantum physics: fields, particles, algebras Haag, Rudolf New York: Springer, 1997
51.	530.12 TAK 022121	Quantum mechanics for mathematicians Takhtajan, Leon A. Providence: American Mathematical Society, 2008
52.	530.143 GLI 022122	Quantum Physics: a functional integral point of view Glimm, James and Jaffe, Arthur New York: Springer, 1987
Chemistry		
53.	549.02493 RAP 022172	Archaeomineralogy Rapp, George New York: Springer, 2009
Earth Science		
54.	551.9 MCS 022184	Geochemistry: pathways and processes McSween, Harry Y; Richardson, Steven M. and Uhle, Maria New York: Columbia University Press, 1989
55.	569.9 AKA 022170	Neandertals and modern humans in western Asia free Akazawa, Takeru; Aoki, Kenichi and Bar Yosef, Ofer New York: Springer, 2002
Technology		
56.	604.2 BRE 022194	Technical image: a history of styles in scientific imagery Bredekamp, Horst; Dunkel, Vera and Schneider, Birgit (Eds.) Chicago: University Of Chicago Press, 2015
Medicine		

57.	610.285 WIT 022167	Computational biomechanics for medicine: models, algorithms and implementation Wittek, AdamNew; Miller, Karol and Nielsen, Poul M.F. (Eds.) New York: Springer, 2013
58.	612.82 CAT 022119	Brain Renaissance: from Vesalius to modern neuroscience Catani, Marco and Sandrone, Stefano New York: Oxford University Press, 2015
59.	612.82 STE 022193	Principles of neural Design Sterling, Peter and Laughlin, Simon Cambridge: MIT Press, 2015
60.	616.84 FER 022162	Neuropsychiatric symptoms of cerebrovascular diseases Ferro, J. M. (Eds.) New York: Springer, 2013
Engineering		
61.	620.820113 DOY 022163	Computational biomechanics for medicine: new approaches and new applications Doyle, B.; Miller, K.; Wittek, A. and Nielsen, P.M.F. (Eds.) New York: Springer, 2015
62.	621.31244 DIT 022179	Materials concepts for solar cells Dittrich, Thomas Chennai: World Scientific, 2015
63.	621.38150285 FER 022116	Automated design of analog and high-frequency circuits: a computational intelligence approach Liu, Bo; Gielen, Georges and Fernández, Francisco V. New York: Springer, 2014
64.	621.3822 OPP 022183	Signals, systems and inference Oppenheim, Alan V. and Verghese, George C. Boston: Pearson Addison Wesley, 2014
65.	621.395 PED 022114	Power aware design methodologies Pedram, Massoud and Rabaey, Jan M. New York: Springer, 2002
66.	621.992 VEK 022187	Design of jigs, fixtures and press tools Venkataraman, K. New Delhi: Ane Book India, 2015

67.	629.80954 KAL 022188	Reignited scientific pathways to a brighter future Abdul Kalam, A.P.J. and Singh, Srijan Pal New Delhi: Penguin Books,2015
68.	629.832 CHE 022117	Linear system theory and design Chen, Chi Tsong New York: Oxford University Press, 2013
Aerospace Engineering		
69.	629.1 KAB 022182	Fundamentals of aerospace navigation and guidance Kabamba, Pierre T.and Girard, Anouck R. New York: Cambridge University Press, 2014
70.	629.132306 HIR 022166	Basics of aerothermodynamics Hirschel, Ernst Heinrich New York: Springer, 2015
71.	629.13435 MON 022165	Uncertainty quantification in computational fluid dynamics and aircraft engines Montomoli, Francesco; Carnevale, M.; D'Ammaro, A.; Massini, M. and Salvadori, S. New York: Springer, 2015
Family Management and Management		
72.	641.3754 BAR 022173	Food powders: physical properties, processing, and functionality Ortega Rivas, Enrique; Juliano, Pablo and Yan, Hong New York: Springer, 2005
73.	658 SIM 022140-022141	Administrative behavior Simon, Herbert A. New York: Free Press, 1997
Arts		
74.	741.60922 CLI 022115	Graphic icons: visionaries who shaped modern graphic design Clifford, John Boston: Pearson Addison Wesley, 2014
Literature		
75.	808.066378 TUR 022127	Manual for writers of research papers, theses, and dissertations Turabian, Kate I. Chicago: University Of Chicago Press, 2013

76.	808.027 LIP 022131	Cite right: a quick guide to citation styles--MLA, APA, Chicago, the sciences, professions, and More Lipson, Charles Chicago: University Of Chicago Press, 2006
77.	808.0663 BEC 022136	Writing for social scientists: how to start and finish your thesis, book, or article Becker, Howard S. Chicago: University Of Chicago Press, 2007
78.	808.0665 MIL 022134	Chicago guide to writing about numbers Miller, Jane E. Chicago: University Of Chicago Press, 2015
79.	808.066519 MIL 022133	Chicago guide to writing about multivariate analysis Miller, Jane E. Chicago: University Of Chicago Press, 2013
80.	813.6 LEE 022144	Go set a watchman: a novel Lee, Harper New York: HarperCollins Publishers, 2015
81.	891.5511 BAR 022185	Essential Rumi Barks, Coleman New York: HarperCollins Publishers India, 2004
82.	891.7342 BUL 022146	The Master & Margarita Bulgakov, Mikhail New York: Vintage books, 1996
History and Geography		
83.	917.30492 PIR 022145	Zen and the art of motorcycle maintenance: an inquiry into values Pirsig, Robert M. New York: Harper Collins Publishers, 1989
84.	930.1 AMB 022171	Biogeochemical approaches to paleodietary analysis Ambrose, Stanley H. and Katzenberg, M. Anne (Eds.) New York: Springer, 2002
85.	930.1028 UDA 022169	X-rays for Archaeology Uda, M.; Demortier, G. and Nakai, I. (Eds.) New York: Springer, 2005

86.	940.5 JAR 022126	<u>Out of ashes: a new history of Europe in the twentieth century</u> Jaraus, Konrad H. Princeton: Princeton University Press, 2015
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