

Indian Institute of Technology Gandhinagar

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New Addition of Books Vol. 8 No. 49, 2015

(Added during 07th – 11th December, 2015)

Serial No.	Call No & Acc. No.	Bibliographic Details of Books
Computer Science		
1.	004.019 BER 022852	Eye tracking in user experience design Bergstrom, Romano and Schall, Andrew New York: Elsevier, 2014
2.	004.65NAD 022836	SDN: software defined networks Nadeau, Thomas D. New York: O Reilly Media, 2013
3.	006.3 PED 022823	Granular computing: analysis and design of intelligent systems Pedrycz, Witold Boca Raton: CRC Press, 2013
4.	006.31 GET 022881	Introduction to statistical relational learning Getoor, Lise and Taskar, Ben, (Eds.) Cambridge: MIT Press, 2007
5.	006.31 BAK 022882	Predicting structured data Bakır, Gokhan, (et al.), (Eds.) Cambridge: MIT Press, 2007
General		
6.	032.02 GHO 022837	Limca book of records 2015 Ghose, Vijaya, (Ed.) New Delhi: VG Communications, 2015
7.	050 MAT 022838	Manorama year book 2015, 50th ed. (Accompanying with CD-ROM Acc # C00881) Mathew, Mammen, (Ed.) Kottayam: Manorama, 2015
Epistemology – Theory of Knowledge		
8.	121.6 PRO 022857	Immunity to error through misidentification: new essays Prosser, Simon and Recanati, Francois, (Eds.) New York: Cambridge University Press, 2012
Psychology		
9.	155.8 NEU 022858	Introduction to computational cultural psychology Neuman, Yair New York: Cambridge University Press, 2014

Sociology

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|-----|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. | 306.44 ENF
022860 | Cambridge handbook of linguistic anthropology
Enfield, N. J.; Kockelman, P. and Sidnell, J., (Eds.)
New York: Cambridge University Press, 2014 |
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Political Science

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|-----|-------------------|-----------------------------------------------------------------------------------|
| 11. | 320 MOU
022856 | Return of the political
Mouffe, Chantal
London: Verso, 2005 |
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Education

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| 12. | 378.1550973
CAS
022884 | Graduate school mess: what caused it and how we can fix it
Cassuto, Leonard
Cambridge: Harvard University Press, 2015 |
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Mathematics

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|-----|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13. | 512.5 LUH
022824 | Multilinear subspace learning: dimensionality reduction of multidimensional data
Lu, Haiping
Boca Raton: CRC Press, 2014 |
| 14. | 519.5 BEN
022862- 022863 | Probability, statistics, and decision for civil engineers
Benjamin, Jack R. and Cornell, C. Allin
New York: Dover Publication, 1970 |

Astronomy

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|-----|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15. | 523.02 MCS
022844 | Cosmochemistry
Mcsween, Harry Y. and Huss, Gary R.
New York: Cambridge University Press, 2010 |
| 16. | 523.1BAM
022873 | Introduction to particle cosmology: the standard model of cosmology and its open problems
Bambi, Cosimo and Dolgov, Alexandre Dmitrievich
New York: Springer, 2015 |
| 17. | 523.8875 CAL
022875 | Quantum aspects of black holes
Calmet, Xavier, (Ed.)
New York: Springer, 2015 |

Physics

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|-----|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18. | 530.1 SUN
022869 | Constrained dynamics: with applications to yang-mills theory, general relativity, classical spin, dual string model
Sundermeyer, Kurt
New York: Springer, 1982 |
| 19. | 530.11 STE
022859 | Relativity: an introduction to special and general relativity, 3rd ed.
Stephani, Hans
New York: Cambridge University Press, 2004 |

20.	530.12 PAD 022865	Quantum themes: the charms of the microworld Padmanabhan, Thanu New York: World Scientific, 2009
21.	530.14 KUE 022879	Electromagnetic boundary problems Kuester, Edward F. and Chang, David C. Boca Raton: CRC Press, 2016
22.	530.143 ILI 022868	Concepts in quantum field theory: a practitioners toolkit Ilisie, Victor New York: Springer, 2015
23.	530.143 GUT 022874	Quantization of fields with constraint Guitman, Dmitri M. and Tyutin, Igor V. New York: Springer, 1990
24.	530.15 SHA 022864	Geometric phases in physics: advanced series in mathematical physics, vol. V Shapere, Alfred and Wilczek, Frank New York: World Scientific, 2006
25.	530.414 AAR 022826	Mechanisms of diffusional phase transformations in metals and alloys Aaronson, Hubert I.; Enomoto, Masato and Lee, Jong K. Boca Raton: CRC Press, 2013
26.	531.14 WIL 022861	Theory and experiment in gravitational physics Will, Clifford M. New York: Cambridge University Press, 1993
27.	531.14 FRE 022871	Gravity a geometrical course: development of the theory and basic physical applications, vol. I Fre, Pietro Giuseppe New York: Springer, 2013
28.	531.14 FRE 022872	Gravity a geometrical course: development of the theory and basic physical applications, vol. II Fre, Pietro Giuseppe New York: Springer, 2013
29.	530.143 BEC 022867	Introduction to relativistic processes and the standard model of electroweak interactions, 2nd ed. Becchi, Carlo M. and Ridolfi, Giovanni New York: Springer, 2014
30.	539.6 THO 022870	Granular dynamics, contact mechanics and particle system simulations: a DEM study Thornton, Colin New York: Springer, 2015
31.	539.72 NAT 022866	Ads/CFT duality user guide Natsuume, Makoto, New York: Springer, 2014

Chemistry

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|-----|-----------------------|-------------------------------------------------------------------------------------------------------------|
| 32. | 541.361 LAW
022847 | Combustion physics, 5th ed.
Law, Chung. K.
New York: Cambridge University Press, 2006 |
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Earth Science

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|-----|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 33. | 551.41 WIL
022843 | Terrain analysis: principles and applications
Wilson, John P. and Gallant, John C., (Eds.)
New York: John Wiley & Sons, 2000 |
| 34. | 551.511 JAC
022842 | Introduction to atmospheric chemistry
Jacob, Daniel J.
Princeton: Princeton University Press, 2011 |
| 35. | 551.701 DIC
022846 | Radiogenic isotope geology, 2nd ed.
Dickin, Alan P.
New York: Cambridge University Press, 2005 |
| 36. | 551.9 ALL
022845 | Isotope geology
Allegre, Claude J.
New York: Cambridge University Press, 2008 |
| 37. | 553.79 CHA
022880 | Groundwater geophysics in hard rock
Chandra, Prabhat Chandra
Boca Raton: CRC Press, 2016 |

Biology

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|-----|-------------------------|--------------------------------------------------------------------------------------------------------------|
| 38. | 571.4 KOL
022851 | Motor proteins and molecular motors
Kolomeisky, Anatoly B.
Boca Raton: CRC Press, 2015 |
| 39. | 572.81257 STR
022850 | C. Elegans: methods and applications
Strange, Kevin, (Ed.)
New York: Springer, 2014 |

Engineering

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|-----|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 40. | 621.042 KHA
022854 | Advanced energy systems, 2nd ed.
Khartchenko, Nikolai V. and Kharchenko, Vadym M.
Boca Raton: CRC Press, 2015 |
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Electrical Engineering

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|-----|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 41. | 621.3191 REV
022876 | Active power line conditioners: design, simulation and implementation for improving power quality
Revuelta, Patricio; Litran, Salvador Perez and Thomas, Jaime
New York: Elsevier, 2015 |
| 42. | 621.367 BAN
022878 | Advanced high dynamic range imaging: theory and practice
Banterle, Francesco
Natick: A K Peters, 2011 |

43.	621.38220151 BYR 022822	Signal processing: a mathematical approach, 2nd ed. Byrne, Charles L. Boca Raton: CRC Press, 2015
44.	621.3916 YIU 022886	Definitive guide to ARM® Cortex®-M0 and Cortex-M0+ processors, 2nd ed. Yiu, Joseph Waltham: Elsevier Academic Press, 2015
Heat Engineering		
45.	621.4 VAN 022855	Energy systems engineering: evaluation and implementation, 2nd ed. Vanek, Francis M. New York: McGraw Hill, 2012
Tools - Manufacturing		
46.	621.988 BAN 022877	Additive manufacturing Bandyopadhyay, Amit and Bose, Susmita Boca Raton: CRC Press, 2016
Civil Engineering		
47.	624.1834 DAY 022834-022835	Limit state design of reinforced concrete structures Dayaratnam, P. New Delhi: PHI Learning, 2004
48.	624.18341 PIL 022828- 022829	Reinforced concrete design, 3rd ed. Pillai, Unnikrishna S. and Menon, Devdas New Delhi: McGraw Hill Education India, 2009
49.	624.18341 JAI 022840	Reinforced concrete limit state design, 7th ed. Jain, Ashok K. Roorkee: Nem Chand & Bros, 2012
50.	628.35 DRO 022883	Theory and practice of water and wastewater treatment Droste, Ronald L. New Delhi: Wiley, 2005
51.	628.53 HIN 022841	Aerosol technology: properties, behavior, and measurement of airborne particles, 2nd ed. Hinds, William C. New York: John Wiley & Sons, 2012
Aerospace Engineering		
52.	629.132300151 CUM 022887	Applied computational aerodynamics: a modern engineering approach Cummings, Russell M., (et al.) New York: Cambridge University Press, 2015

Automatic Control Engineering

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| 53. | 629.8 YAN
022825 | Linear systems: non-fragile control and filtering
Yang, Guang Hong, (et al.)
Boca Raton: CRC Press, 2013 |
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Management

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| 54. | 658.403 PFE
022885 | Hard facts, dangerous half-truths, and total nonsense: profiting from evidence-based management
Pfeffer, Jeffrey and Sutton, Robert I.
Cambridge: Harvard University Press, 2006 |
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Chemical Engineering

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| 55. | 669.9 SMA
022827 | Modern physical metallurgy, 8th ed.
Smallman, R. E. and Ngan, Alfonso H. W.
New York: Elsevier, 2014 |
| 56. | 669.9 ABB
022830-022833 | Physical metallurgy principles, 4th ed.
Abbaschian, Reza; Abbaschian, Lara and Reed Hill, Robert E.
Stamford: Cengage Learning, 2010 |
| 57. | 669.96142 BHA
022821 | Steels: microstructure and properties, 3rd ed.
Bhadeshia, Harshad,
New York: Elsevier, 2006 |

History and Geography

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| 58. | 915.404 SIN
022853 | India travel guide
Singh, Sarina, (et al.), (Eds.)
New Delhi: Lonely Planet, 2015 |
| 59. | 930.1541954
PAN
022888 | Living with floods: archaeology of a settlement in the lower ganga plains, C.600-1800 CE
Panja, Sheena; Nag, Arun K. and Bandopadhyay, Sunando
New Delhi: Primus Books, 2015 |