

New Addition List April 2019

APPLIED MECHANICS

BU/AM

1. Bi, Zhuming

Finite element analysis applications: a systematic and practical approach / by Zhuming, Bi. - London: Elsevier, 2018. xv, 504p.
ISBN : 9780128099520. : Rs. 8512.80.

**1. Finite element method.I. Title

517.962 BI-F **172514**

BU/AM

2. Generalized models and non-classical approaches in complex materials 1 / edited by Holm

Altenbach...(et. al.). - Cham: Springer, 2018.
xlii, 760p.(Advanced structured materials).
ISBN : 9783319724393. : Rs. 17586.00.

**1. Engineering 2. Materials- Mechanical properties.I. Ed.Altenbach, Holm II. Title III. Series

531 -GEN **173059**

BU/AM

3. Sadd, Martin H.

Continuum mechanics modeling of material behavior / by Martin H. Sadd. - London: Academic Press, 2018. xv, 414p.
ISBN : 9780128114742. : Rs. 8610.00.

**1. Modeling material.I. Title

531 SAD-C **172926;AM**

BU/AM

4. Wegner, Joanne L.

Elements of continuum mechanics and thermodynamics / by Joanne L. Wegner and James B. Haddow. - Cambridge: Cambridge University Press, 2014. x, 278p.
ISBN : 9781107460140. : Rs. 3420.97.

**1. Continuum mechanics- Textbooks 2. Thermodynamics- Textbooks.I. Ed.James B. Haddow II. Title

531:536 WEG-E **173192**

BU/AM

5. Kiselev, Sergey P.

Foundations of fluid mechanics with applications: problem solving using mathematica / by Sergey P. Kiselev, Evgenii V. Vorozhtsov and Vasily M. Fomin. - Switzerland: Birkhauser/Springer, 2017. xvi, 575p.(Modern Birkhauser Classics).
ISBN : 9783319661483. : Rs. 6354.41.

**1. Fluid mechanics.I. Vorozhtsov, Evgenii V. II. Fomin, Vasily M. III. Title IV. Series

532.5 KIS-F **173066**

BU/AM

6. Chung, Kwansoo

Basics of continuum plasticity / by Kwansoo Chung and Myoung-Gyu Lee. - Singapore: Springer, 2018. xvi, 360p.
ISBN : 9789811083051. : Rs. 8173.18.

** 1. Mechanics 2. Technology & Engineering-Material Science.I. Lee, Myoung-Gyu II. Title

539.214 KWA-B **172942**

BU/AM

7. Pedlosky, Joseph

Geophysical fluid dynamics / by Joseph Pedlosky. - 2nd ed.. - New York: Springer, 1987. xiv, 710p.
ISBN : 9780387963877. : Rs. 6565.58.

** 1. Fluid dynamics 2. Geophysics.I. Title

551.2:532.5 PED-G **172787**

BU/AM

8. Biomechanical microsystems: design, processing and applications / edited by Vytautas Ostasevicius... (et. al.). - Cham: Springer, 2017.

x, 282p.(Lecture notes in computational vision and biomechanics, 24).

ISBN : 9783319548487. : Rs. 8196.18.

** 1. Biomedical engineering.I. Ed.Ostasevicius, Vytautas II. Title III. Series

61:620.3 -BIO **172888**

CENTRAL LIBRARY**BU/CL**

9. Urdu- Hindi Shabd-kosh/ edited by M. Sujaat Uamaani and Sudhindra Kumar. - Delhi: Swaraj Prakashan, 2003.

: 863 p.

ISBN : 81-85999-68-6. : Rs.395.00.

** 1. Urdu- dictionary.I. (ed)Usmaani(ed) II. (ed)Sudhindra Kumar(ed) III. Title

H 891.431(03) -URD **145715**

CENTRE FOR BIOMEDICAL ENGINEERING**BU/CBME**

10. Basic introduction to bioelectromagnetics / by James R. Nagel...(et. al.). - 3rd ed. - Boca Raton: CRC Press, 2019.

xx, 320p.

ISBN : 9781498780018. : Rs. 10450.00.

**1. Electromagnetic fields 2. Electromagnetism-Physiological effect.I. Nagel, James A. II. Title

615.84 -BAS **172943**

CENTRE FOR ENERGY STUDIES

BU/CES

11. Advanced control of doubly fed induction generator for wind power systems / by Dehong XU...(et.al.). - Hoboken: John Wiley, 2018.
xvi, 463p.
ISBN : 9781119172062. : Rs. 10041.41.

** 1. Induction generators 2. Wind turbines - Equipment and supplies 3. Induction generators - Automatic control.I. XU, Dehong II. Title
621.311.245 -ADV 172899

BU/CES

12. Emerging materials for energy conversion and storage / edited by Kuan Yew Cheong, Giuliana Impellizzeri and Mariana Amorim Fraga. - Amsterdam: Elsevier, 2018.
xxi, 472p.
ISBN : 9780128137949. : Rs. 18000.00.

** 1. Energy conversion 2. Photovoltaic cells 3. Photovoltaic power generation.I. Ed.Cheong, Kuan Yew II. Ed.Impellizzeri, Giuliana III. Ed.Fraga, Mariana Amorim IV.
621.383.51 -EME 172802

CHEMICAL ENGINEERING

BU/CHE

13. Micheas, Athanasios Christou
Theory of stochastic objects: probability, stochastic processes and inference / by Athanasios Christou Micheas. - Boca Raton: CRC Press, 2018. xxix, 378p.(Texts in statistical science).
ISBN : 9781466515208. : Rs. 6649.05 (each copy).

**1. Point processes 2. Stochastic processes.I. Title II. Series
519.21 MIC-T 172932, 172933;CHE

BU/CHE

14. Snyman, Jan A.
Practical mathematical optimization: basic optimization theory and gradient-based algorithms / by Jan A. Snyman and Daniel N. Wilke. - 2nd ed. - Switzerland: Springer, 2018. xxvi, 372p.(Springer optimization and its applications 133).
ISBN : 9783319775852. : Rs. 5491.14.

**1. Mathematics 2. Mathematical optimization 3. Programming (Mathematics).I. Wilke, Daniel N. II. Title III. Series
519.863 SNY-P 172925

BU/CHE

15. Theodore, Louis
Introduction to optimization for chemical and environmental engineers / by Louis Theodore and Kelly Behan. - Boca Raton: CRC Press, 2018. xix, 323p.
ISBN : 9781138489127. : Rs. 9232.00.

** 1. Mathematical optimization 2. Optimization techniques.I. Behan, Kelly II. Title
519.863 THE-I 172988;CHE

BU/CHE

16. Theodore, Louis

Introduction to optimization for environmental and chemical engineers / by Louis Theodore and Kelly Behan. - Boca Raton: CRC Press, 2018. xviii, 323p.
ISBN : 9781138489127. : Rs. 9435.00.

**1. Mathematical optimization.I. Behan, Kelly II. Title
519.863 THE-I 172894

BU/CHE

17. Mueller, Jens-Dominik,

Essentials of computational fluid dynamics / by Jens-Dominik Muller. - Boca Raton: CRC Press, 2016. xi, 225p.
ISBN : 9781482227307. : Rs. 6658.86.

** 1. Computational fluid dynamics.I. Title
532.5:519.6 MUL-E 172882

BU/CHE

18. Rachinsky, M.Z.

Fluid dynamics of oil and gas reservoirs / by M.Z. Rachinsky and V.Y. Kerimov. - Salem: Scrivener, 2015. xvii, 613p.
ISBN : 9781118998267. : Rs. 18538.94.

**1. Hydrocarbon reservoirs 2. Fluid dynamics.I. Ed.Gorfunkel, M.V. II. Title
532.5:553.98 RAC-F 172883

BU/CHE

19. Butt, Hans-Jürgen

Surface and interfacial forces / by Hans-Jürgen Butt and Michael Kappl. - 2nd ed.. - Weinheim: Wiley-VCH, 2018. xv, 439p.
ISBN : 9783527341658. : Rs. 8488.80.

** 1. Surface forces.I. Ed.Kappl, Michael II. Title
532.61 BUT-S 172982

BU/CHE

20. Laganà, Antonio

Chemical reactions: basic theory computing / Antonio Lagana and Gregory A. Parker. - Cham: Springer, 2018. xvi, 208p.(Theoretical chemistry and computational modelling).
ISBN : 9783319623559. : Rs. 6310.87.

**1. Chemistry 2. Chemical reactions.I. Title II. Series
544.4 LAG-C 172889

BU/CHE

21. Carbon nanomaterials for bioimaging, bioanalysis and therapy / edited by Yuen Yung

Hui...(et.al.). - Hoboken: John Wiley, 2019.
xxii, 354p.(Nanocarbon chemistry and interfaces).
ISBN : 9781119373452. : Rs. 12733.20.

**1. Nanostructured materials 2. Biomedical engineering - methods 3. Nanostructures.I. Ed.Hui, Yuen Yung II. Title III. Series
546.26:620.3 -CAR 172983

BU/CHE

22. Organic materials as smart nanocarriers for drug delivery / edited by Alexandru Mihai Grumezescu. - Norwich: William Andrew, 2018.
xxix, 738p.(Pharmaceutical nanotechnology series).
ISBN : 9780128136638. : Rs. 13734.30.

** 1. Nanomedicine 2. Nanostructured materials 3. Drug carriers (Pharmacy) 4. Drug delivery systems.I. Ed.Grumezescu, Alexandru Mihai II. Title III. Series

615.32:620.3 -ORG 172967

BU/CHE

23. Sapuan, S.M.,
Composite Materials: concurrent engineering approach / by S.M. Sapuan. - Kidlington: Butterworth-Heinemann, 2017. xx, 317p.
ISBN : 9780128025079. : Rs. 12025.80.

** 1. Composite materials.I. Title

620.1 SAP-C 172968

BU/CHE

24. Fuller, Thomas F.
Electrochemical engineering / by Thomas F. Fuller and John N. Harb. - Hoboken: John Wiley, 2018. xv, 417p.
ISBN : 9781119004257. : Rs. 9736.64.

**1. Electrochemistry, Industrial.I. Harb, John N. II. Title

621.35 FUL-E 172884

BU/CHE

25. Formation damage during Improved oil recovery: fundamentals and applications / edited by Bin Yuan and David A. Wood. - Cambridge: Gulf Professional Publishing, 2018.
xvi, 660p.
ISBN : 9780128137826. : Rs. 17925.00.

**1. Enhanced oil recovery 2. Formation damage (Petroleum engineering).I. Ed.Yuan, Bin II. Ed.Wood, David A. III. Title

622.276 -FOR 172945

BU/CHE

26. Theodore, Louis
Unit operations in environmental engineering / by Louis Theodore, Ryan R. Dupont and Kumar Ganeshan. - Hoboken: Scrivener/ John Wiley, 2017. xv, 681p.
ISBN : 9781119283638. : Rs. 17327.76.

**1. Environmental engineering.I. Dupont, Ryan R. II. Ganeshan, Kumar III. Title

628.5 THE-U 172972;CHE

BU/CHE

27. Chidambaram, M

Mathematical modelling and simulation in chemical engineering / by M. Chidambaram. -
New Delhi: Cambridge India, 2018. xviii, 246p.
ISBN : 9781108470407. : Rs. 795.00.

**1. Chemical processes- Mathematical models 2. Chemical engineering- Mathematics.I.
Title

66.011 CHI-M **173071**

BU/CHE

28. Corriou, Jean-Pierre

Process control: theory and applications / by Jean-Pierre Corriou. - 2nd ed.. - Cham:
Springer, 2018. ISBN : 9783319611426.

** 1. Engineering 2. Chemical process control 3. Chemical engineering 4. Automatic
control.I. Title

66.012 COR-P **172975;CHE**

BU/CHE

29. Chemical process retrofitting and revamping: techniques and applications / edited by Gade Pandu Rangaiah. - New York: John Wiley, 2016.

xvi, 416p.

ISBN : 9781119016335. : Rs. 12626.25.

**1. Chemical plants - Remodeling 2. Chemical plants - Maintenance and repair 3.
Chemical plants - Equipment and supplies.I. Ed.Rangaiah, Gade Pandu II. Title

66.02 -CHE **172792;CHE**

BU/CHE

30. Suresh, S.

Green chemical engineering: an introduction to catalysis, kinetics and chemical
processes / by S. Suresh and S. Sundaramoorthy. - Boca Raton: CRC Press, 2015.
xxxii, 511p.

With CD-ROM.

ISBN : 9781466558830. : Rs. 9693.60 (each copy).

** 1. Green chemistry.I. Sundaramoorthy, S. II. Title

66.09 SUR-G **172995, 172996;CHE**

BU/CHE

31. Farrauto, Robert J.

Introduction to catalysis and industrial catalytic processes / by Robert J. Farrauto, Lucas
Dorazio and C. H. Bartholomew. - New Jersey: John Wiley, 2016. xxix, 310p.

ISBN : 9781118454602. : Rs. 8706.52.

**1. Catalysis.I. Dorazio, Lucas II. Bartholomew, C. H. III. Title

66.097 FAR-I **173070;CHE**

BU/CHE

32. Scibioh, Aulice M.

Carbon dioxide to chemicals and fuels / by M. Aulice Scibioh and B. Viswanathan. -
 Amsterdam: Elsevier, 2018. ix, 499p.
 ISBN : 9780444639967. : Rs. 14430.00.

**1. Carbon dioxide- Industrial applications.I. Viswanathan, B. II. Title
662.76 SCI-C **172823**

CHEMISTRY**BU/CHY**

33. Bird, John

Bird's comprehensive engineering mathematics / by John Bird. - 2nd ed.. - Abingdon:
 Routledge, 2018. xviii, 1208p.
 ISBN : 9780815378143. : Rs. 4193.07.

**1. Engineering mathematics.I. Title
51:62 BIR-B **173119**

BU/CHY

34. Bagchi, Biman

Statistical mechanics for chemistry and materials science / by Biman Bagchi. - Boca
 Raton: CRC Press, 2019. xxi, 558p.
 ISBN : 9781482299861. : Rs. 10616.80.

**1. Mécanique statistique 2. Thermodynamique statistique.I. Title
531.01 BAG-S **172990**

BU/CHY

35. Tovbin, Yu. K.

Small systems and fundamentals of thermodynamics / by Yu. K. Tovbin. - Boca Raton:
 CRC Press, 2019. xx, 415p.
 ISBN : 9781138587243. : Rs. 14539.00.

**1. Physical Chemistry 2. Molecular 3. Computational and Theoretical Chemistry.I. Title
536 Toy-S **172879**

BU/CHY

36. Eaton, Peter

Atomic force microscopy / by Peter Eaton and Paul West. - Oxford: Oxford University
 Press, 2018. viii, 248p.
 ISBN : 9780198826286. : Rs. 3333.75.

** 1. Atomic force microscopy.I. Title
543.4 EAT-A **172709**

BU/CHY

37. Lambert, Joseph B.

Nuclear magnetic resonance spectroscopy: an introduction to principles, application, and experimental methods / by Joseph B. Lambert, Eugene P. Mazzola and Clark D. Ridge. - 2nd ed. - Hoboken: John Wiley, 2019. xxii, 456p.
ISBN : 9781119295235. : Rs. 6720.30.

** 1. Nuclear magnetic resonance spectroscopy.I. Mazzola, Eugene P. II. Ridge, Clark D. III. Title

543.429.23 LAM-N **172989**

BU/CHY

38. Kalsi, P.S.

Stereochemistry: conformation and mechanism / by P.S. Kalsi. - 10th ed.. - New Delhi: New Age International, 2017. xxi,658p.
ISBN : 9788122443158. : Rs. 475.00.

**1. Stereochemistry.I. Title

544.122.4 KAL-S **173064, 173065;CHY**

BU/CHY

39. Laganà, Antonio

Chemical reactions: basic theory and computing / by Antonio Laganà and Gregory A. Parker. - Cham: Springer, 2018. xvi, 208p.(Theoretical chemistry and computational modelling).
ISBN : 9783319623559.

** 1. Chemistry 2. Chemical reactions.I. Parker, Gregory A. II. Title III. Series

544.4 LAG-C **173120;CHY**

BU/CHY

40. Persico, Maurizio

Photochemistry: a modern theoretical perspective / by Maurizio Persico and Giovanni Granucci. - Switzerland: Springer, 2018. xii, 263p.(Theoretical chemistry and computational modelling).
ISBN : 9783319899718. : Rs. 5560.01.

** 1. Chemistry 2. Science-Chemistry-Physical & Theoretical.I. Granucci, Giovanni II. Title III. Series

544.52 PER-P **173122**

CIVIL ENGINEERING**BU/CE**

41. Urban remote sensing / edited by Qihao Weng, Dale Quattrochi and Paolo Gamba. - 2nd ed. - Boca Raton: CRC Press, 2018.

xxii, 315p.(Remote sensing applications).
ISBN : 9781138054608. : Rs. 12168.00.

**1. Urban geography-Remote sensing 2. City planning-Remote sensing 3. Land use, Urban-Remote sensing.I. Ed.Weng, Qihao II. Ed.Quattrochi, Dale III. Ed.Gamba, Paolo IV. Title V. Series

528.8(1-21) -URB **172770**

BU/CE

42. Bedient, Philip B.

Hydrology and floodplain analysis / by Philip B. Bedient, Wayner C. Huber and Baxter E. Vieux. - 6th ed. - New York: Pearson, 2019. xiv, 813p.
ISBN : 9780134751979. : Rs. 16799.67.

**1. Hydrology.I. Ed.Huber, Wayner C. II. Ed.Vieux, Baxter E. III. Title
551.48/49 BED-H 172707

BU/CE

43. Air pollution impacts on plants in east Asia / edited by Takeshi Izuta. - Tokyo: Springer, 2017.

ix, 322p.
ISBN : 9784431564362. : Rs. 10326.41.

**1. Air-Pollution.I. Ed.Izuta, Takeshi II. Title
614.715:633(5-11) -AIR 173082

BU/CE

44. Advanced engineering materials and modeling / edited by Ashutosh Tiwari, N. Arul Murugan and Rajeev Ahuja. - Hoboken: John Wiley, 2016.

xvi, 502p.(Advanced materials series).
ISBN : 9781119242468. : Rs. 16196.95.

**1. Materials 2. Materials- Mathematical models.I. Ed.Tiwari, Ashutosh II. Ed.Murugan, N. Arul III. Ed.Ahuja, Rajeev IV. Title V. Series
620.1:981.3 -ADV 172778

BU/CE

45. Yun, Bai

Underground engineering: planning, design, construction and operation of the underground space / by Bai Yun. - London: Academic Press, 2019. xi, 270p.
ISBN : 9780128127025. : Rs. 8658.00.

**1. Underground construction.I. Title
624.035.4 YUN-U 172822

BU/CE

46. Frangopol, Dan M.

Structures and infrastructure systems: life-cycle performance, management and optimization / by Dan M. Frangopol. - Abingdon: Routledge, 2018. xii, 437p.
ISBN : 9780815396055. : Rs. 10941.10.

**1. Structural analysis (Engineering) 2. Infrastructure (Economics).I. Title
624.04 FRA-S 172728

BU/CE

47. Salter, R.J.

Highway traffic analysis and design / by R.J. Salter and rev. by N.B. Hounsell. - 3rd ed.. - New York: Palgrave, 1996. viii, 392p.
ISBN : 9780333609033. : Rs. 5718.89.

**1. Highway engineering 2. Traffic engineering.I. Hounsell, N.B. II. Title
625.71 SAL-H 173136

BU/CE

48. Haas, Ralph

Pavement asset management / by Ralph Haas, W. Ronald Hudson and Lynne Cowe Falls. - Hoboken: Scrivener/John Wiley, 2015. xxi, 400p.
ISBN : 9781119038702. : RS. 13977.92.

**1. Pavements-Deterioration 2. Pavements-Maintenance and repair 3. Express highways.I. Hudson, W. Ronald II. Falls, Lynne Cowe III. Title

625.8 HAA-P 172955

BU/CE

49. Julien, Pierre Y.

River mechanics / by Pierre Y. Julien. - 2nd ed. - Cambridge: Cambridge University Press, 2018. xxv, 499p.
ISBN : 9781107462779. : Rs. 4470.62.

**1. River engineering.I. Title

627.1 JUL-R 172708

BU/CE

50. Water and sanitation-related diseases and the changing environment: challenges, interventions and preventive measures / edited by Janine M. H. Selendy. - 2nd ed. - Hoboken: John Wiley, 2019.

xvi, 326p.
ISBN : 9781119416210. : Rs. 10448.00.

** 1. Water-Supply 2. Water-Pollution 3. Water quality management.I. Ed.Selendy, Janine M. H. II. Title

628.1 -WAT 173027

BU/CE

51. Araghinejad, Shahab

Data-driven modeling: Using MATLAB® in water resources and environmental engineering / by Shahab Araghinejad. - New York: Springer, 2014. xiii, 292p.(Water science and technology library 67).
ISBN : 9789400775053. : Rs. 5162.81.

**1. Water-supply engineering-Computer programs 2. Environmental engineering-Computer programs.I. Title II. Series

628.1:681.3.06M ARA-D 173151

BU/CE

52. Gratchev, Ivan

Soil Mechanics Through Project-Based Learning / by Ivan Gratchev, Dong-Sheng Jeng and Erwin Oh. - Boca Raton: CRC Press, 2019. x, 163p.
ISBN : 9781138500075. : Rs. 4339.16.

**1. Soil mechanics-Textbooks 2. Active learning-Textbooks.I. Ed.Jeng, Dong-Sheng II. Ed.Oh, Erwin III. Title

628.131 GRA-S 172911

BU/CE

53. Griffin, Roger D.

Principles of stormwater management / by Roger D. Griffin. - Boca Raton: CRC Press, 2018. xxii, 327p.

ISBN : 9781138093621. : Rs. 9514.00.

**1. Urban runoff- Management 2. Water- Pollution 3. Water quality.I. Title

628.2 GRI-P 172760

BU/CE

54. Urban pollution and changes to materials and building surfaces / edited by Brimblecombe, Peter. - London: Imperial College Press, 2016.

xi, 318p.(Air pollution reviews, 5).

ISBN : 9781783268856. : Rs 9615.84.

**1. Urban pollution 2. Weathering of buildings.I. Ed.Brimblecombe, Peter II. Title III. Series

628.4:699.83 -URB 173152

BU/CE

55. Tang, Walter Z

Sustainable environmental engineering / by Walter Z. Tang and Mika Sillanpaa. - Hoboken: John Wiley, 2019. xviii, 510p.

ISBN : 9781119028376. : Rs. 10818.89.

** 1. Sustainable engineering 2. Environmental engineering.I. Title

628.5 TAN-S 172826

BU/CE

56. Air pollution in eastern Asia: an integrated perspective / edited by Idir Bouarar, Xuemei Wang and Guy p. Brasseur. - Switzerland: Springer, 2017.

xi, 504p.(ISSI scientific report series 16).

ISBN : 9783319594880. : Rs. 14753.78.

** 1. Environment 2. Air-Pollution.I. Ed.Bouarar, Idir II. Ed.Wang, Xuemei III. Ed.Brasseur, Guy p. IV. Title V. Series

628.5(5-11) -AIR 172915

BU/CE

57. Electric and plug-in hybrid vehicle networks: optimization and control / by Emanuele Crisostomi... (et. al.). - Boca Raton: CRC Press, 2018.

xvii, 242p.(Automation and control engineering).

ISBN : 9781498744997. : Rs. 9320.00.

**1. Hybrid electric vehicles- Design and construction 2. Hybrid electric vehicles- Batteries 3. Structural optimization.I. Crisostomi, Emanuele II. Title III. Series

629.064.5 -RLS 173068

BU/CE

58. Van Themsche, S.

Advent of unmanned electric vehicles: the choices between e-mobility and immobility / by S. Van Themsche. - Switzerland: Springer, 2016. xix, 392p.
ISBN : 9783319206653. : Rs. 9223.52.

** 1. Autonomous vehicles 2. Electric vehicles.I. Title

629.064.5 VAN-A **172923**

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59. Geography of urban transportation / edited by Genevieve Giuliano and Susan Hanson. - 4th ed. - New York: Guilford Press, 2017.

xiv, 400p.
ISBN : 9781462529650. : Rs. 5053.46.

**1. Urban transportation.I. Ed.Giuliano, Genevieve II. Ed.Hanson, Susan III. Title

656(1-21) -GEO **172763**

BU/CE

60. Profillidis, V.A.

Modeling of transport demand: analyzing, calculating and forecasting transport demand / by V.A Profillidis and G.N. Botzoris. - Amsterdam: Elsevier, 2019. xxvi, 472p.
ISBN : 9780128115138. : Rs. 8968.75.

** 1. Transportation - Mathematical models 2. Transportation demand management.I. Botzoris, G.N. II. Title

656:519.6 PRO-M **172651**

BU/CE

61. Traffic safety / edited by George Yannis and Simon Cohen. - Hoboken: ISTE/Wiley, 2016.

xxvii, 388p.(Science, society and new technologies series(research for innovative transports set).
V.4.
ISBN : 9781786300300. : Rs. 11179.64.

** 1. Traffic safety - Congresses.I. Ed.Yannis, George II. Ed.Cohen, Simon III. Title IV. Series

656.05 -TRA **172924**

BU/CE

62. Sustainable transportation and smart logistics: decision-making models and solutions / edited by Javier Faulin ...(et. al.). - Amsterdam: Elsevier, 2019.

xxv, 507p.
ISBN : 9780128142424. : Rs. 8968.75.

**1. Traffic management.I. Ed.Faulin, Javier II. Title

656.07 -SUS **172920**

BU/CE

63. Loo, Becky P. Y.

Spatial analysis methods of road traffic collisions / by Becky P. Y. Loo and Tessa Kate Anderson. - Boca Raton: CRC Press, 2016. xxiii, 322p.

ISBN : 9781439874127. : Rs. 8139.59.

**1. Traffic accident investigation 2. Spatial analysis (Statistics) 3. Geographic information systems.I. Anderson, Tessa Kate II. Title

656.084 LOO-S 172706

BU/CE

64. Ghosh, Sumit

Intelligent transportation systems: smart and green infrastructure design / by Sumit Ghosh and Tony S. Lee. - 2nd ed. - Boca Raton: CRC Press, 2010. xxv, 191p.(Mechanical engineering series).

ISBN : 9781439835180. : Rs. 10450.00.

**1. Transportation-Automation 2. Transportation-Data processing 3. Green technology.I. Lee, Tony S. II. Title III. Series

656.1/5 GHO-I 172954

BU/CE

65. De Wilde, Pieter

Building performance analysis / by Pieter De Wilde. - Chichester: Wiley Blackwell, 2018. xxiii, 597p.

ISBN : 9781119341925. : Rs. 9740.25.

**1. Building - Design.I. Title

69.04 DE-B 172830

BU/CE

66. Recommendations for the inspection, maintenance and management of car park structures / edited by Chris Whapples and Leo Mckibbins. - 2nd ed. - London: ICE Publishing, 2018.

xvii, 157p.

ISBN : 9780727758392. : Rs. 5159.00.

** 1. Automobile parking.I. Ed.Whapples, Chris II. Ed.Mckibbins, Leo III. Title

69.05:625.712.63 -REC 172794

BU/CE

67. Concrete in extreme environments / edited by John W. Bull and Xiangming Zhou. - Scotland: Whittles Publishing, 2018.

x, 230p.

ISBN : 9781849953276. : Rs. 7456.00.

**1. Concrete- Environment.I. Ed.Bull, John M. II. Ed.Zhou, Xiangming III. Title

693.54 -CON 173067

BU/CE

68. Sustainable smart cities in India: challenges and future perspectives / edited by Poonam Sharma and Swati Rajput. - Cham: Springer, 2017.
xviii, 809p.(The urban book series).
ISBN : 9783319471440. : Rs. 10326.41.

**1. Geography 2. Cities and towns- India- Growth 3. City planning- India.I. Ed.Sharma, Poonam II. Ed.Rajput, Swati III. Title IV. Series
711.433(540) -SUS 173112

COMPUTER SCIENCE & ENGINEERING**BU/CSE**

69. Ramsay, James

Dynamic data analysis: modeling data with differential equations / by James Ramsay and Giles Hooker. - New York: Springer, 2017. xvii, 230p.(Springer series in statistics).
ISBN : 9781493971886. : Rs. 7546.01.

** 1. Statistics 2. Differential equations 3. Mathematical statistics 4. Quantitative research.I. Hooker, Giles II. Title III. Series
517.93:519.2 RAM-D 173025

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