



New Arrivals - Central Library - May 2025

Vol. 25, Issue : 5

[Home](#)

[Thesis](#)

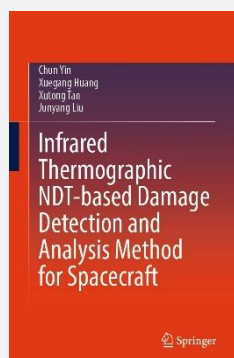
[Standards](#)

- | | |
|---|---|
| ❖ Amrita Publications | ❖ Journalism & Communication |
| ❖ Aerospace Engineering | ❖ Language, Linguistics, Literature |
| ❖ Agriculture / Forestry / Farming | ❖ Management |
| ❖ Astrology/Astrophysics | ❖ Mathematics |
| ❖ Biological / Geological Sciences | ❖ Mechanical Engineering |
| ❖ Biomedical Engineering | ❖ Medical Science |
| ❖ Chemical/Chemistry | ❖ Physics |
| ❖ Civil Engineering | ❖ Social Sciences |
| ❖ Computer Science | ❖ Transport Vehicle Engineering |
| ❖ Intelligent Technology & Robotics | ❖ Children's Collections |
| ❖ Electrical Engineering | ❖ Competitive Examinations |
| ❖ Electronics & Communication | ❖ Generalia |
| ❖ Environmental Engineering | ❖ Spiritual Science |
| ❖ Energy Engineering | ❖ Physical Education |
| ❖ Food Science | |

Rendering format

Title: Subtitle / Author's name: Publisher's name, Year of Publication, Call No.

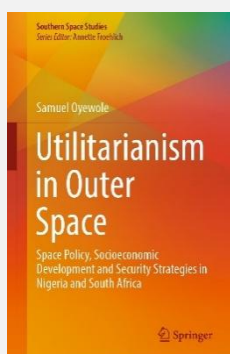
Aerospace Engineering



Infrared Thermographic NDT-based Damage Detection and Analysis Method for Spacecraft / Chun Yin , Xuegang Huang , 2024

E-Book

[Click here for more details](#)



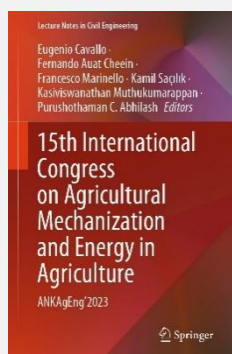
Utilitarianism in Outer Space : Space Policy, Socioeconomic Development and Security Strategies in Nigeria and South Africa / Samuel Oyewole, 2024

E-Book

[Click here for more details](#)

[Top](#)

Agriculture / Forestry / Farming



15th International Congress on Agricultural Mechanization and Energy in Agriculture : ANKAEng'2023 / Eugenio Cavallo, Fernando Auat Cheein, 2024

E-Book

[Click here for more details](#)

[Top](#)

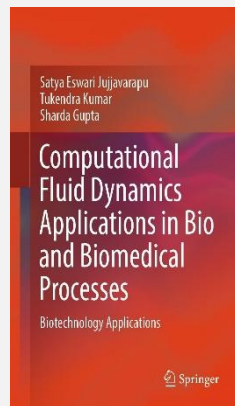
Biomedical Engineering



8th Inter. Conference on Advancements of Medicine and Health Care Through Technology : Proceedings of MEDITECH 2022, Oct 20–22, 2022, Cluj-Napoca, Romania / Simona Vlad, Nicolae Marius Roman, 2024

E-Book

[Click here for more details](#)



Computational Fluid Dynamics Applications in Bio and Biomedical Processes : Biotechnology Applications / Satya Eswari Jujavarapu , Tukendra Kumar, 2024

E-Book

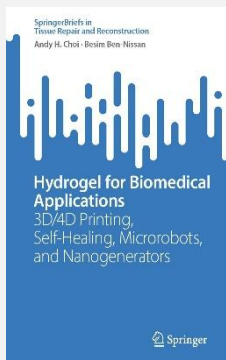
[Click here for more details](#)



Advances in Bioengineering and Clinical Engineering : Proceedings of the 23 Argentinian Congress of Bioengineering and the 12 Clinical Engg. Conference, Sep 13–16, 2022, San Juan, Argentina / Natalia M. Lopez, Emanuel Tello, 2024

E-Book

[Click here for more details](#)



Hydrogel for Biomedical Applications : 3D/4D Printing, Self-Healing, Microrobots, and Nanogenerators / Andy H. Choi , Besim Ben-Nissan, 2024

E-Book

[Click here for more details](#)



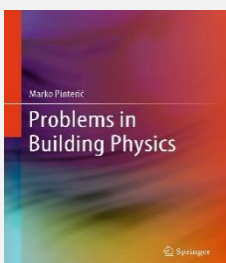
4th International Conference for Innovation in Biomedical Engineering and Life Sciences : Proceedings of ICIBEL 2022, December 10-13, 2022, Kuala Lumpur, Malaysia / Fatimah Ibrahim, Juliana Usman, 2024

E-Book

[Click here for more details](#)

[Top](#)

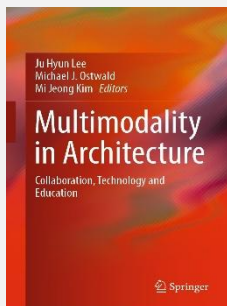
Civil Engineering



Problems in Building Physics / Marko Pinterić, 2024

E-Book

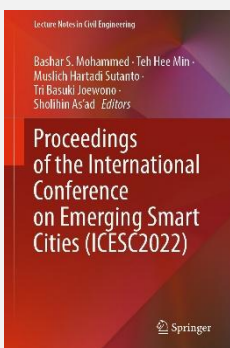
[Click here for more details](#)



**Multimodality in Architecture :
Collaboration, Technology and Education
/ Ju Hyun Lee, Michael J. Ostwald, 2024**

E-Book

[Click here for more details](#)



**Proceedings of the International
Conference on Emerging Smart Cities
(ICESC2022) / Bashar S. Mohammed,
Teh Hee Min, 2024**

E-Book

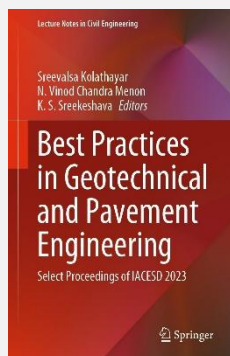
[Click here for more details](#)



**Proceedings of the 6th Inter. Conference
on Smart Monitoring, Assessment and
Rehabilitation of Civil Structures / Xiang-
Lin Gu, Masoud Motavalli, 2024**

E-Book

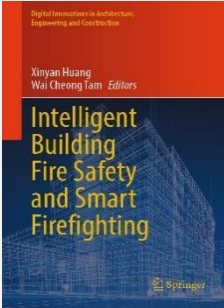
[Click here for more details](#)



**Best Practices in Geotechnical and
Pavement Engineering : Select
Proceedings of IACESD 2023 / Sreevalsa
Kolathayar, N. Vinod Chandra Menon,
2024**

E-Book

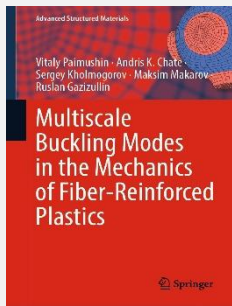
[Click here for more details](#)



Intelligent Building Fire Safety and Smart Firefighting / Xinyan Huang, Wai Cheong Tam, 2024

E-Book

[Click here for more details](#)



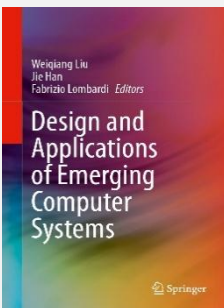
Multiscale Buckling Modes in the Mechanics of Fiber-Reinforced Plastics / Vitaly Paimushin , Andris K. Chate, 2024

E-Book

[Click here for more details](#)

[Top](#)

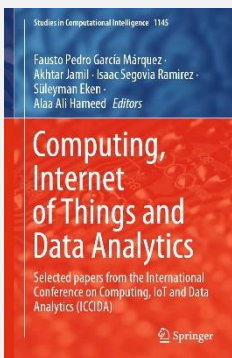
Computer Science



Design and Applications of Emerging Computer Systems / Weiqiang Liu, Jie Han, Fabrizio Lombardi, 2024

E-Book

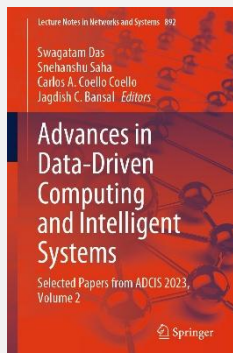
[Click here for more details](#)



Computing, Internet of Things and Data Analytics : Selected papers from the ICCIDA / Fausto Pedro García Márquez, Akhtar Jamil, 2024

E-Book

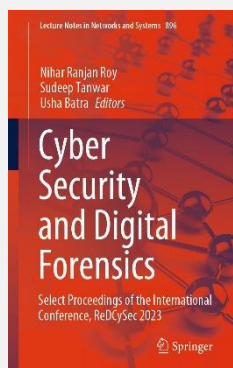
[Click here for more details](#)



Advances in Data-Driven Computing and Intelligent Systems : Selected Papers from ADCIS 2023, Volume 2 / Swagatam Das, Snehanshu Saha, 2024

E-Book

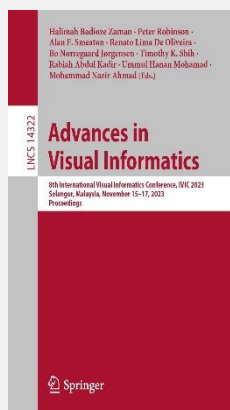
[Click here for more details](#)



Cyber Security and Digital Forensics Select Proceedings of the International Conference, ReDCySec 2023 / Nihar Ranjan Roy, Sudeep Tanwar, 2024

E-Book

[Click here for more details](#)



Advances in Visual Informatics : 8th Inter. Visual Informatics Conference, IVIC 2023, Selangor, Malaysia, Nov 15-17, 2023, Proceedings / Halimah Badioze Zaman, Peter Robinson, 2024

E-Book

[Click here for more details](#)



Databases Theory and Applications : 34th Australasian Database Conference, ADC 2023, Melbourne, VIC, Australia, November 1-3, 2023, Proceedings / Zhifeng Bao, Renata Borovica-Gajic, 2024

E-Book

[Click here for more details](#)



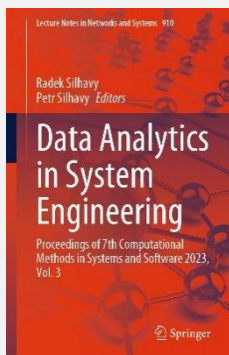
Advanced Parallel Processing Technologies : 15th International Symposium, APPT 2023, Nanchang, China, August 4-6, 2023, Proceedings / Chao Li, Zhenhua Li, 2024

E-Book

[Click here for more details](#)

[Top](#)

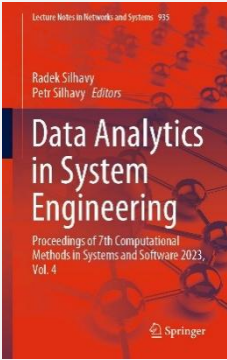
Intelligent Technology & Robotics



Data Analytics in System Engineering Proceedings of 7th Computational Methods in Systems and Software 2023, Vol. 3 / Radek Silhavy, Petr Silhavy, 2024

E-Book

[Click here for more details](#)



Data Analytics in System Engineering
Proceedings of 7th Computational
Methods in Systems and Software 2023,
Vol. 4 / Radek Silhavy, Petr Silhavy,
2024

E-Book

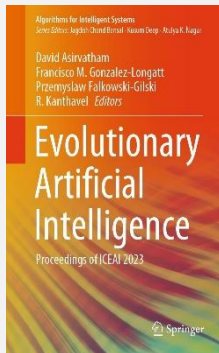
[Click here for more details](#)



Big Data and Data Science Engineering
Volume 6 / Roger Lee, 2024

E-Book

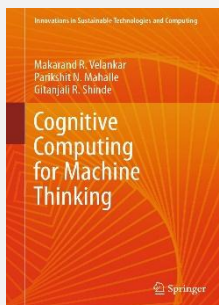
[Click here for more details](#)



Evolutionary Artificial Intelligence
Proceedings of ICEAI 2023 / David
Asirvatham, Francisco M. Gonzalez-
Longatt, 2024

E-Book

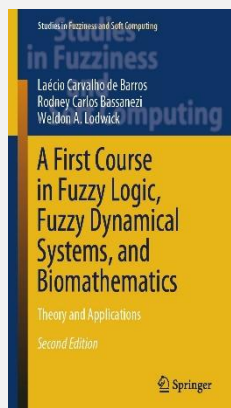
[Click here for more details](#)



Cognitive Computing for Machine
Thinking / Makarand R. Velankar ,
Parikshit N. Mahalle, 2024

E-Book

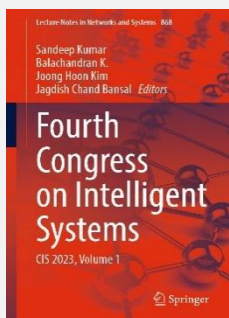
[Click here for more details](#)



A First Course in Fuzzy Logic, Fuzzy Dynamical Systems, and Biomathematics : Theory and Applications / Laécio Carvalho de Barros , Rodney Carlos Bassanezi, 2024

E-Book

[Click here for more details](#)



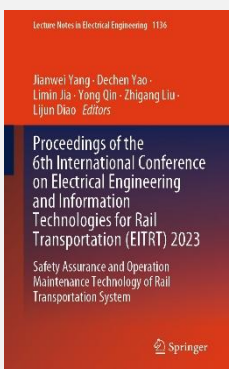
Fourth Congress on Intelligent Systems : CIS 2023, Volume 1 / Sandeep Kumar, Balachandran K, 2024

E-Book

[Click here for more details](#)

[Top](#)

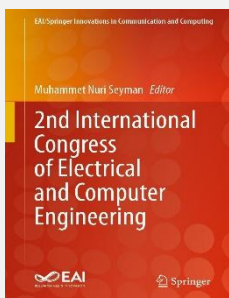
Electrical Engineering



Proceedings of the 6th Inter. Conference on Electrical Engineering and Information Technologies for Rail Transportation 2023 / Jianwei Yang, Dechen Yao, 2024

E-Book

[Click here for more details](#)



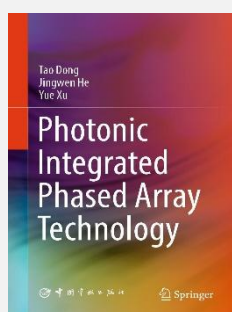
2nd International Congress of Electrical and Computer Engineering / Muhammet Nuri Seyman, 2024

E-Book

[Click here for more details](#)

[Top](#)

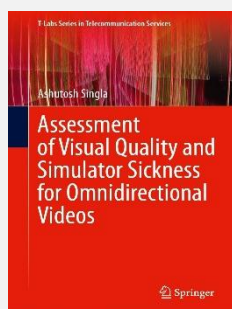
Electronics & Communication



Photonic Integrated Phased Array Technology / Tao Dong , Jingwen He , Yue Xu, 2024

E-Book

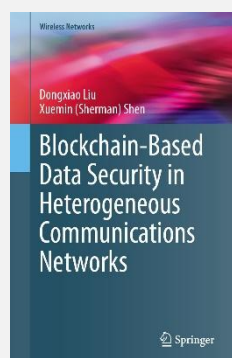
[Click here for more details](#)



Assessment of Visual Quality and Simulator Sickness for Omnidirectional Videos / Ashutosh Singla, 2024

E-Book

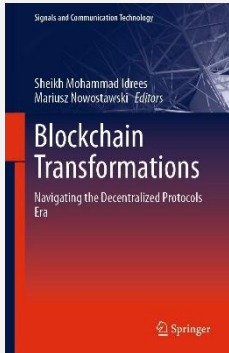
[Click here for more details](#)



Blockchain-Based Data Security in Heterogeneous Communications Networks / Dongxiao Liu , Xuemin (Sherman) Shen, 2024

E-Book

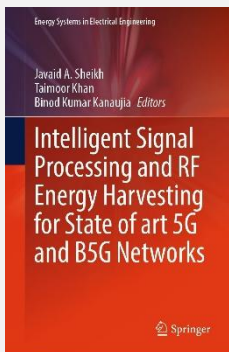
[Click here for more details](#)



Blockchain Transformations : Navigating the Decentralized Protocols Era / Sheikh Mohammad Idrees, Mariusz Nowostawski, 2024

E-Book

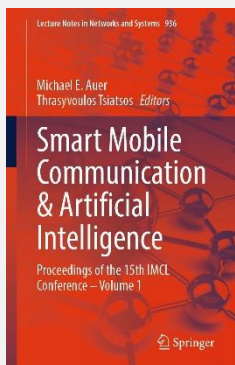
[Click here for more details](#)



Intelligent Signal Processing and RF Energy Harvesting for State of art 5G and B5G Networks / Javaid A. Sheikh, Taimoor Khan, 2024

E-Book

[Click here for more details](#)



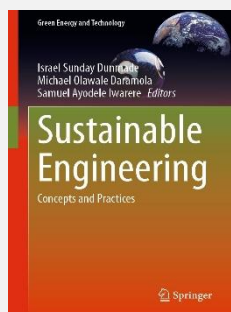
Smart Mobile Communication & Artificial Intelligence : Proceedings of the 15th IMCL Conference – Vol. 1 / Michael E. Auer, Thrasyvoulos Tsiatsos, 2024

E-Book

[Click here for more details](#)

[Top](#)

Environmental Engineering



Sustainable Engineering : Concepts and Practices / Israel Sunday Dunmade, Michael Olawale Daramola, 2024

E-Book

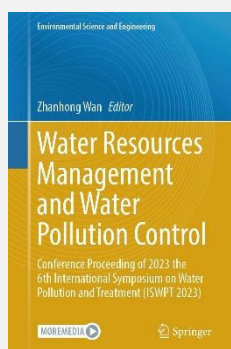
[Click here for more details](#)



Slow Onset Disasters : Linking Urban Built Environment and User-oriented Strategies to Assess and Mitigate Multiple Risks / Graziano Salvalai , Enrico Quagliarini, 2024

E-Book

[Click here for more details](#)



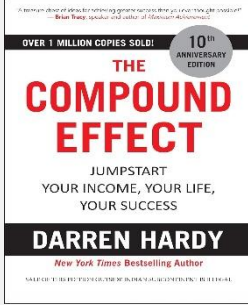
Water Resources Management and Water Pollution Control : Conference Proceeding of 2023 the 6th ISWPT 2023 / Zhanhong Wan, 2024

E-Book

[Click here for more details](#)

[Top](#)

Generalia



The compound effect : jumpstart your income, your life , your success / Hardy, Darren.: Manjul Publishing House, 2020

128.33 R00 [72563]

[Click here for more details](#)



unnal mudiyum [உன்னால் முடியும்] / George Mathew Adams.: Finger Print Publishing 2024

128.33=5T R40 [72698]

[Click here for more details](#)



Ungal vazhkeyeyum velayeyum makazhiyutan anubhavippathu eppadi [உங்கள் வாழ்க்கையையும் வேலையையும் மகிழ்ச்சியுடன் அனுபவிப்பது எப்படி / Malathy Krishna.: Finger Print 2023

128.33=5T R30 [72701]

[Click here for more details](#)



Ore oru vishayam [ஒரே ஒரு விஷயம்] /
Nagalakshmi Shanmugam.: Manjul
Publishing House, 2012

159.98=5T Q20 [72686]

[Click here for more details](#)



Nelson Mandela [நெல்சன் மண்டேலா] /
Chengalvarayan, R.: New Century Book
House Pvt. Ltd., 2016

929MAN=5T Q60 [72675]

[Click here for more details](#)

[Top](#)

Language, Linguistics, Literature



Yezhuthalai nagaram [எழுதலை நகரம்] /
Ramakrishnan, S.: Desanthiri Pathippagam,
2018

821.5T-31 Q80 [72653]

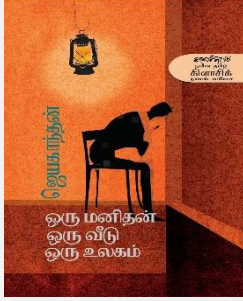
[Click here for more details](#)



Tarunizal [தருநிழல்] / Sivakumar, R.:
Kalachuvadu Publications Pvt Ltd, 2022

821.5T-31 R11 [72665]

[Click here for more details](#)



Oru manithan oru veedu oru ulagam [ஒரு மனிதன் ஒரு வீடு ஒரு உலகம்] / Jeyakanthan.: Kalachuvadu Publications, 2025

821.5T-31JEY R50 [72666]

[Click here for more details](#)



Mazhaimaan [மழைமான்] / Ramakrishnan, S.: Desanthiri Pathippagam, 2023

821.5T-32RAK R30 [72646]

[Click here for more details](#)



Viruntu [விருந்து] / Senthil, K N.: Kalachuvadu Publications Pvt Ltd, 2022

821.5T-32 R10 [72663]

[Click here for more details](#)



Vasanai [வாசனை] / Sundara Ramaswamy.: Kalachuvadu Publications Pvt Ltd, 2023

821.5T-32SR Q10 [72669]

[Click here for more details](#)



Karnalin naarkaali [கர்னலின் நாற்காலி] /
Ramakrishnan, S.: Desanthiri Pathippagam,
2020

821.5T-32RAK R01 [72652]

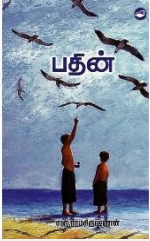
[Click here for more details](#)



Avaladthu veedu [அவளது வீடு] /
Ramakrishnan, S.:Desanthiri Pathippagam,
2020

821.5T-32RAK R00 [72656]

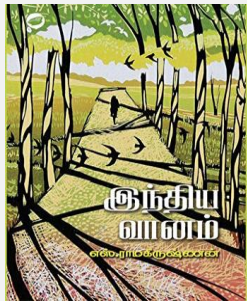
[Click here for more details](#)



Pathin [பதின்] / Ramakrishnan, S.:
Desanthiri Pathippagam, 2022

821.5T-32RAK R20 [72654]

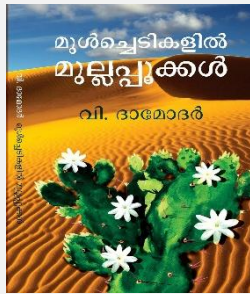
[Click here for more details](#)



Indiya vaanam [இந்திய வானம்] /
Ramakrishnan, S.: Desanthiri Pathippagam,
2023

821.5T-4RAK R30 [72648]

[Click here for more details](#)



Mulchedikolil mullappookkal: athmakadha
[Malayalam] / Damodar V.: Cochin
Anasware Offset Pvt.Ltd. 2015

821.5M-94 Q50 [72727]

[Click here for more details](#)

[Top](#)

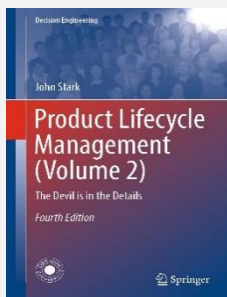
Management



Super salesman aavadu eppadai [சூப்பர்
சேல்ஸ்மேன் ஆவது எப்படி] / Tracy,
Brain.: Manjul Publishing 2018

005.658.81=5T R40 [72678]

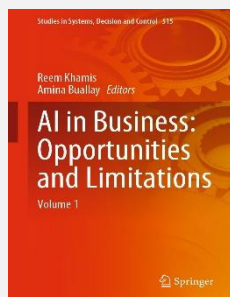
[Click here for more details](#)



Product Lifecycle Management (Volume 2)
: The Devil is in the Details / John Stark,
2024

E-Book

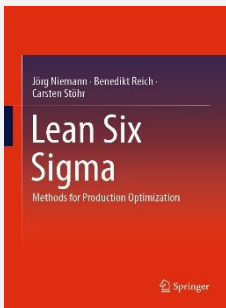
[Click here for more details](#)



AI in Business: Opportunities and
Limitations : Vol. 1 / Reem Khamis,
Amina Buallay, 2024

E-Book

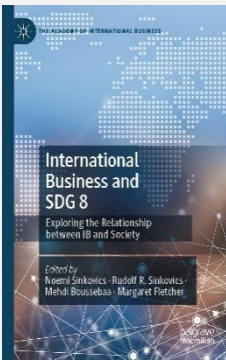
[Click here for more details](#)



Lean Six Sigma : Methods for Production Optimization / Jörg Niemann , Benedikt Reich, 2024

E-Book

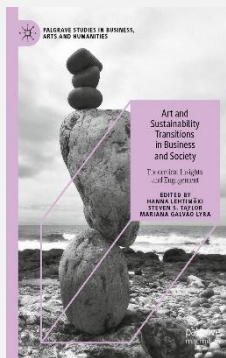
[Click here for more details](#)



International Business and SDG 8 : Exploring the Relationship between IB and Society / Noemi Sinkovics, Rudolf R. Sinkovics, 2024

E-Book

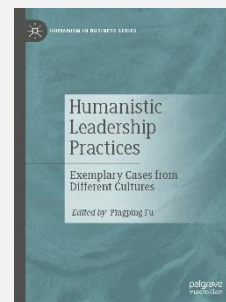
[Click here for more details](#)



Art and Sustainability Transitions in Business and Society : Theoretical Insights and Engagement / Hanna Lehtimäki, Steven S. Taylor, 2024

E-Book

[Click here for more details](#)



Humanistic Leadership Practices Exemplary Cases from Different Cultures / Pingping Fu, 2024

E-Book

[Click here for more details](#)



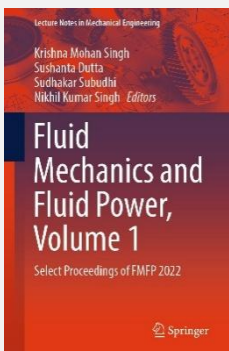
Ethics and Human Resource
Development
Societal and Organizational Contexts /
Darlene F. Russ-Eft, Amin Alizadeh, 2024

E-Book

[Click here for more details](#)

[Top](#)

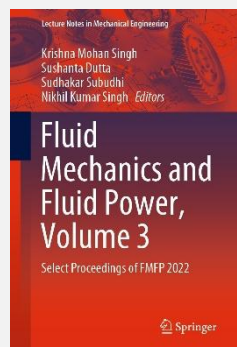
Mechanical Engineering



Fluid Mechanics and Fluid Power,
Volume 1 : Select Proceedings of FMFP
2022 / Krishna Mohan Singh, Sushanta
Dutta, 2024

E-Book

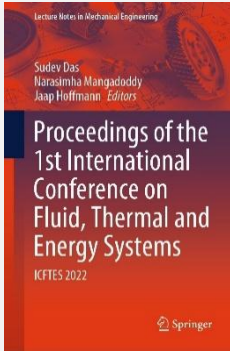
[Click here for more details](#)



Fluid Mechanics and Fluid Power,
Volume 3 : Select Proceedings of FMFP
2022 / Krishna Mohan Singh, Sushanta
Dutta, 2024

E-Book

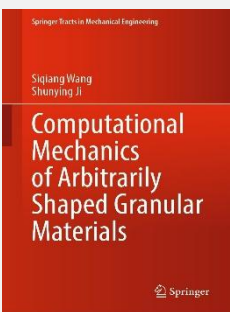
[Click here for more details](#)



Proceedings of the 1st International Conference on Fluid, Thermal and Energy Systems : ICFTES 2022 / Sudev Das, Narasimha Mangadoddy, 2024

E-Book

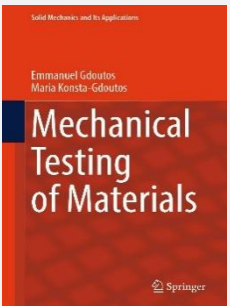
[Click here for more details](#)



Computational Mechanics of Arbitrarily Shaped Granular Materials / Siqiang Wang , Shunying Ji, 2024

E-Book

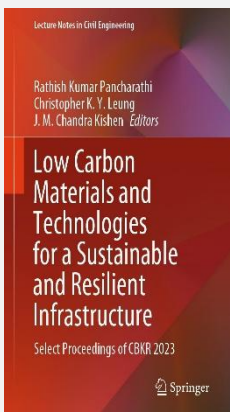
[Click here for more details](#)



Mechanical Testing of Materials / Emmanuel Gdoutos , Maria Konsta-Gdoutos, 2024

E-Book

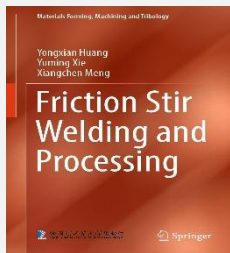
[Click here for more details](#)



Low Carbon Materials and Technologies for a Sustainable and Resilient Infrastructure : Select Proceedings of CBKR 2023 / Rathish Kumar Pancharathi, Christopher K. Y. Leung, 2024

E-Book

[Click here for more details](#)



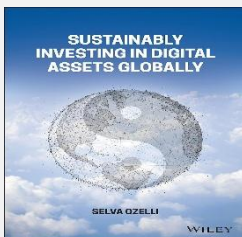
Friction Stir Welding and Processing / Yongxian Huang , Yuming Xie, 2024

E-Book

[Click here for more details](#)

[Top](#)

Social Sciences



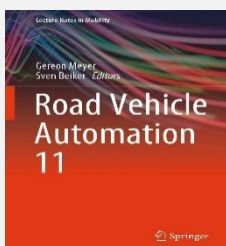
Sustainably investing in digital assets globally / Ozelli, Selva.: Wiley, 2023

332.67 R30 [72724]

[Click here for more details](#)

[Top](#)

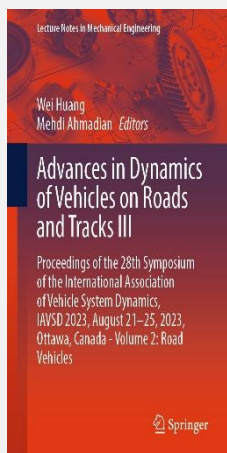
Transport Vehicle Engineering



Road Vehicle Automation 11 / Gereon Meyer, Sven Beiker, 2024

E-Book

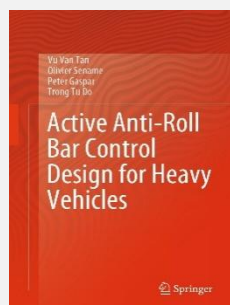
[Click here for more details](#)



Advances in Dynamics of Vehicles on Roads and Tracks III : Proceedings of the 28th Symposium of the IAVSD 2023, Aug 21–25, 2023, Ottawa, Canada - Vol. 2: Road Vehicles / Wei Huang, Mehdi Ahmadian, 2024

E-Book

[Click here for more details](#)



Active Anti-Roll Bar Control Design for Heavy Vehicles / Vu Van Tan , Olivier Sename, 2023

E-Book

[Click here for more details](#)

[Top](#)

Thesis :

Title	: Extension of Integral Transforms with Wavelet Kernels to Generalized Functions
Author	: Thanga Rejini M
Guide	: Somasundaram K
Univ/Fac	: Department of Mathematics, Amrita Vishwa Vidyapeetham
Degree	: PhD.
Sub. on	: 2023
Accp.Yr.	: 2023
Pub/Unpu	: Unpb
Pub.Plc.	: Coimbatore Campus
Collatin	: xv, 176
Class No	: 51(043.2) R30
Accn Nos	: DS4157
<u>Click here for more details</u>	

Title	: Enhancing the Flame Stabilization Characteristics Using V gutter Bluff Body With Central Slit
Author	: Luckachan K George
Guide	: Kannan R Srikrishnan A
Univ/Fac	: Department of Aerospace Engineering, Amrita Vishwa Vidyapeetham
Degree	: PhD.
Sub. on	: 2023
Accp.Yr.	: 2023
Pub/Unpu	: Unpb
Pub.Plc.	: Coimbatore Campus
Collatin	: xviii, 122
Class No	: 629.7(043.2) R31
Accn Nos	: DS4158
<u>Click here for more details</u>	

Title	: A Tuning Free Differential Evolution Meta Framework for Unconstrained Optimization Problems
Author	: Dhanya M Dhanalakshmy
Guide	: Jeyakumar G Shunmuga Velayutham C
Univ/Fac	: Department of CSE, Amrita Vishwa Vidyapeetham.
Degree	: PhD.
Sub. on	: 2023
Accp.Yr.	: 2023
Pub/Unpu	: Unpb
Pub.Plc.	: Coimbatore Campus
Collatin	: xvi, 150
Class No	: 004(043.2) R31
Accn Nos	: DS4159
<u>Click here for more details</u>	

Title	: Development Characterization Tribo mechanical Evaluation of Functionally Graded Aluminum Composites
Author	: Jojith R
Guide	: Radhika N
Univ/Fac	: Department of Mechanical Engineering, Amrita Vishwa Vidyapeetham
Degree	: PhD.
Sub. on	: 2023
Accp.Yr.	: 2023
Pub/Unpu	: Unpb
Pub.Plc.	: Coimbatore Campus
Collatin	: xvii, 208
Class No	: 621.01:621.7(043.2) R31
Accn Nos	: DS4160
<u>Click here for more details</u>	

Title	: Prediction based Multi Objective Optimization Framework for Energy Efficiency in Small and Medium Scale Data Centers
Author	: Deepika T
Guide	: Dhanya N M Gowtham R
Univ/Fac	: Department of CSE, Amrita Vishwa Vidyapeetham.
Degree	: PhD.
Sub. on	: 2023
Accp.Yr.	: 2023
Pub/Unpu	: Unpb
Pub.Plc.	: Coimbatore Campus
Collatin	: xiv, 128
Class No	: 004(043.2) R32
Accn Nos	: DS4161
<u>Click here for more details</u>	

Title	: Low Density Polyethylene and Polypropylene Plastic Waste Composites for Potential Applications in the Construction Sector
Author	: Harish Mohan
Guide	: Mini KM Jayanarayanan K
Univ/Fac	: Department of Civil Engineering, Amrita Vishwa Vidyapeetham
Degree	: PhD.
Sub. on	: 2023
Accp.Yr.	: 2023
Pub/Unpu	: Unpb
Pub.Plc.	: Coimbatore Campus
Collatin	: xviii, 195
Class No	: 624:69(043.2) R30
Accn Nos	: DS4162
<u>Click here for more details</u>	

[Top](#)