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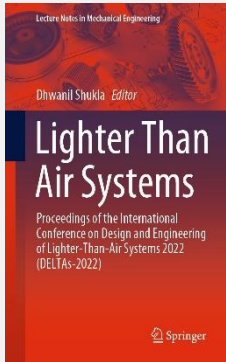
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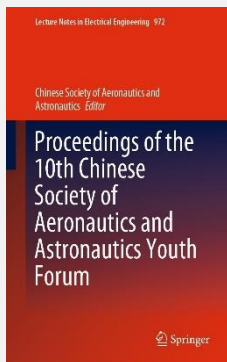
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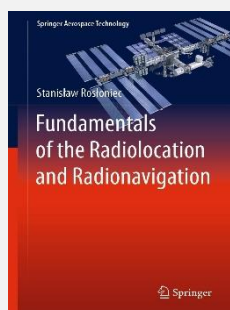
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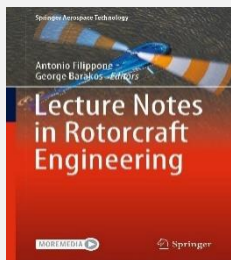
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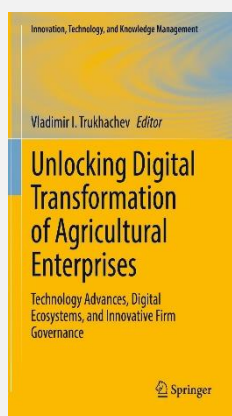
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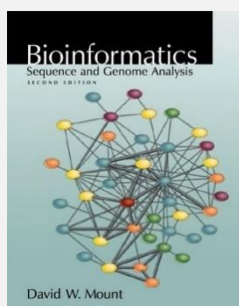
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Trukhachev, 2023

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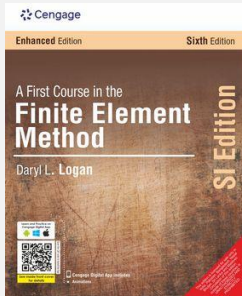
Bioinformatics : sequence and genome
analysis / Mount, David W. : CBS
Publishers, 2004

575.112:004 P40 [71493 - 71500]

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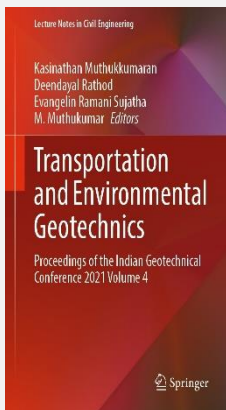
Civil Engineering



A first course in the finite element method / Logan, Daryl L. : Cengage Learning India Pvt Ltd, 2023

624.04 P20;R3 [71642 - 71651]

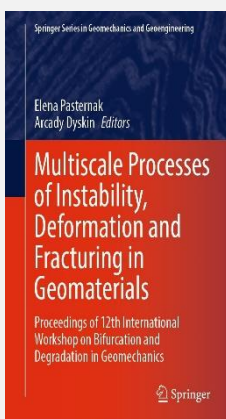
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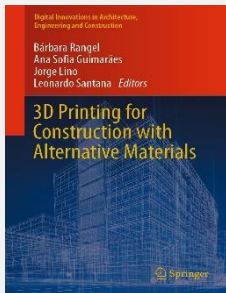
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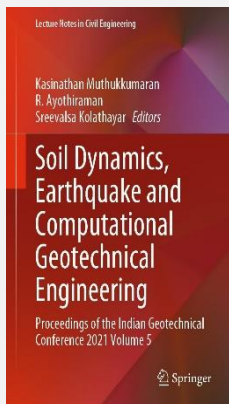
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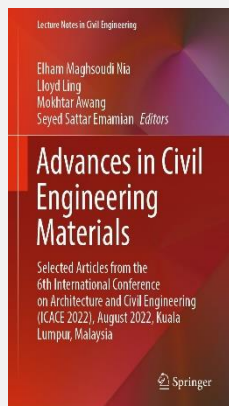
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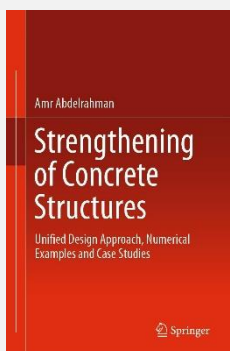
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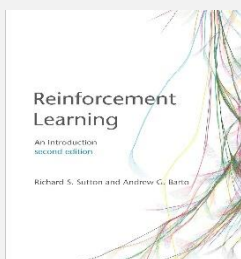
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Examples and Case Studies / Amr
Abdelrahman, 2023**

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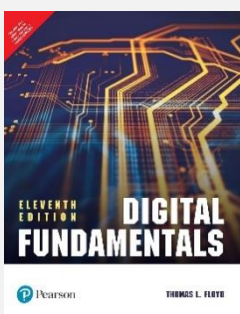
Computer Science



**Reinforcement learning : an Introduction /
Sutton, Richard S.: The MIT Press, 2018**

004.032.26 Q80 [71586]

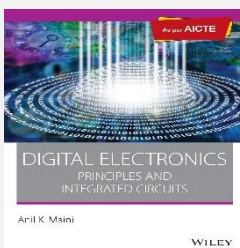
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**Digital fundamentals / Floyd, Thomas L. :
Pearson India Education Services Pvt Ltd,
2018**

004.31 N70;Q3 [71604 - 71611]

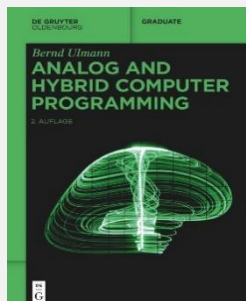
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**Digital electronics : principles and integrated
circuits / Anil K Maini.: Wiley India, 2019**

004.31 Q90 [71621 - 71630]

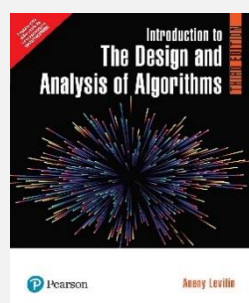
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Analog and hybrid computer programming /
Ulmann, Bernd. : Walter de gruyter Gmbh,
2023

004.387 R30 [71492]

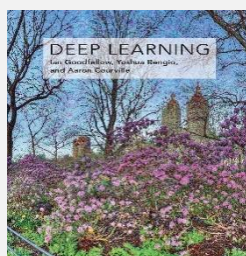
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Introduction to the design and analysis of
algorithms / Levitin, Anany.: Pearson India
Education, 2017

004.421 P30;Q2 [71576 - 71583]

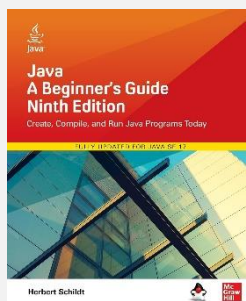
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Deep learning / Goodfellow, Ian.: The MIT
Press, 2016

004.421 Q70 [71585]

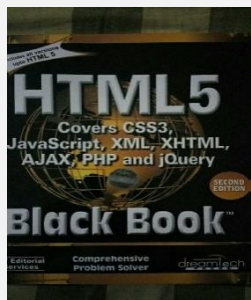
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Java : a beginner's guide / Schildt, Herbert.
: McGraw Hill Education (India) Pvt Ltd,
2022

004.438JAV R20 [71632 - 71641]

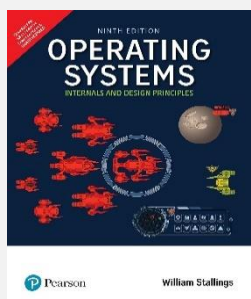
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HTML5 covers CSS3, Javascript, XML, XHTML, XHTML, AJAX, PHP & jQuery : black book / DT editorial services.

004.439HTML Q60 [71517 - 71526]

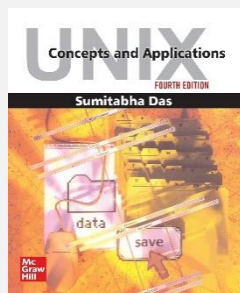
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Operating systems : internals and design principles / Stallings, William. : Pearson India Education

004.451 N21;Q8 [71652 - 71653]

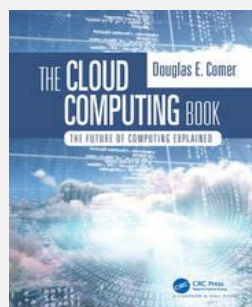
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UNIX : concepts and applications / Sumitabha Das. : McGraw Hill Education India Pvt Ltd, 2006

004.451.9UNI N85;Q6 [71589 - 71593]

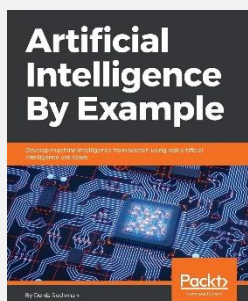
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The cloud computing book : the future of computing explained / Comer, Douglas E. : CRC Press, 2021

004.75CLO R10 [71584]

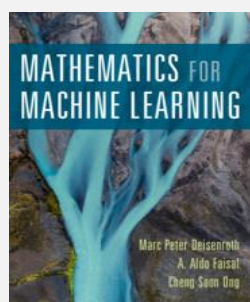
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Artificial intelligence by example : develop machine intelligence from scratch using real artificial

004.8 Q81 [71588]

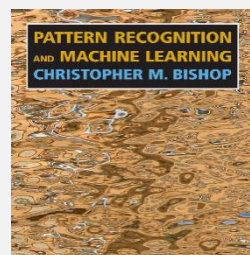
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Mathematics for machine learning / Deisenroth, Marc Peter. : Cambridge University Press, 2020

004.85:51 R00 [71656]

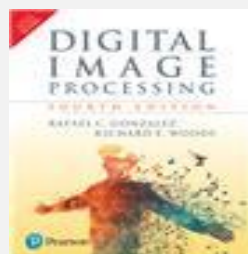
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Pattern recognition and machine Learning / Bishop, Christopher M.: Springer, 2006

004.93'1 P61 [71527]

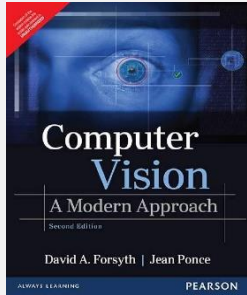
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Digital image processing / Gonzalez,Rafael C. : Pearson India Education, 2018

004.932 N20;Q8 [71548 - 71556]

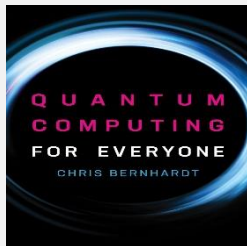
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Computer vision : a modern approach /
Forsyth, David A. : Pearson India Education,
2015

004.946 P31;Q2 [71568 - 71565]

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Quantum computing for everyone /
Bernhardt, Chris. : The MIT Press, 2019

004:530.145 Q90 [71557 - 71566]

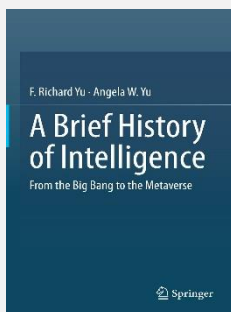
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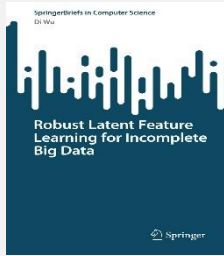
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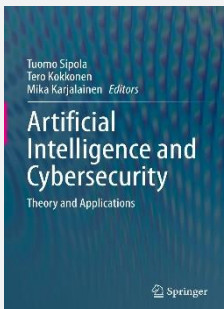
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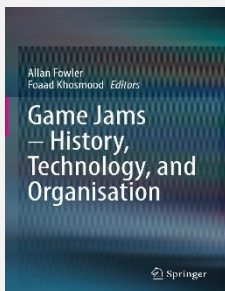
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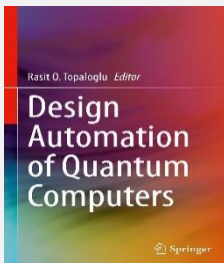
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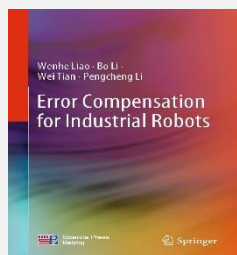
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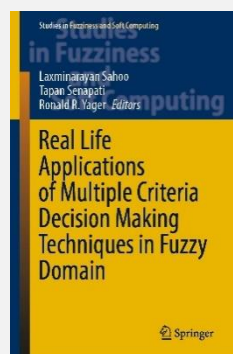
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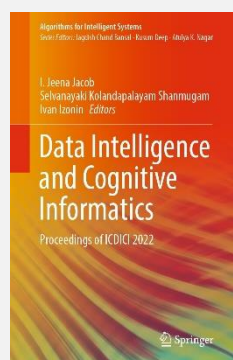
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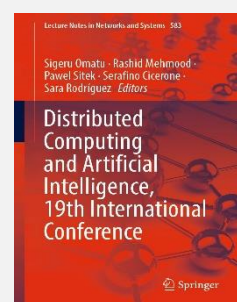
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/ I. Jeena Jacob, Selvanayagi
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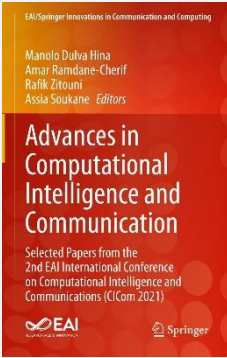
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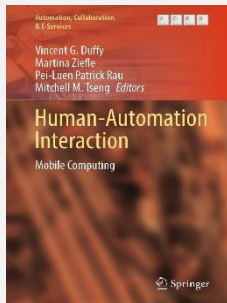
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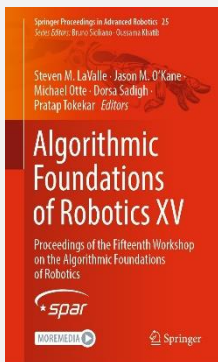
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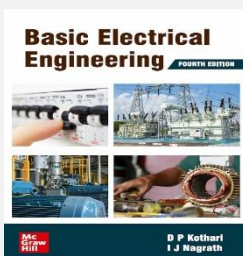
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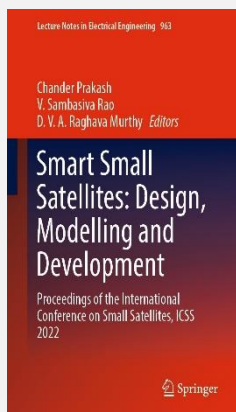
Electrical Engineering



Basic electrical engineering / Kothari, D P. : McGraw-Hill Education, 2019

621.3 Q00;Q9 [71594 - 71603]

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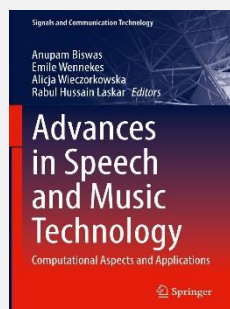
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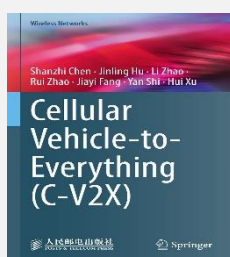
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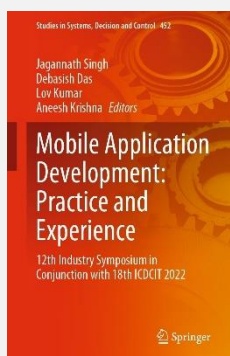
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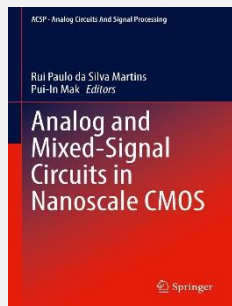
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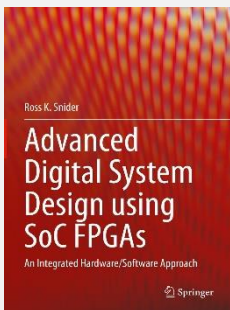
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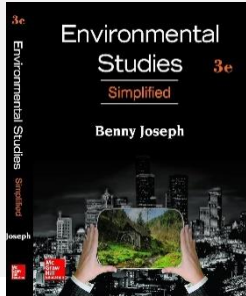
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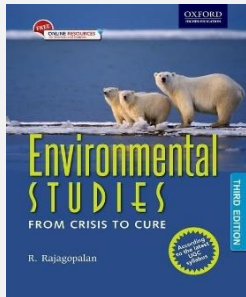
Environmental Engineering



Environmental studies : simplified / Benny Joseph. : McGraw Hill Education (India) Pvt Ltd, 2018

628.5:5 P50;Q8 [71654 - 71655]

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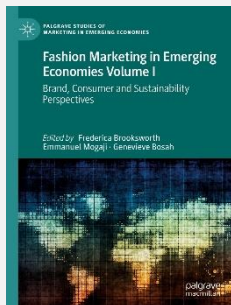
Environmental studies : from crisis to Cure / Rajagopalan, R. : Oxford University Press, 2016

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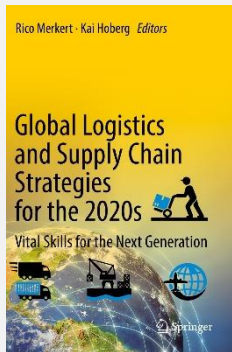
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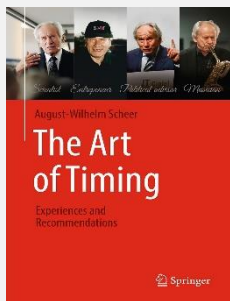
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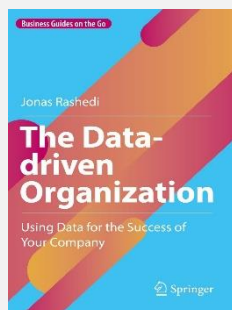
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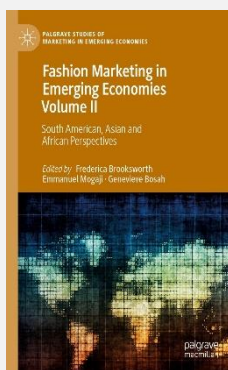
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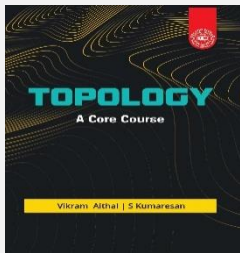
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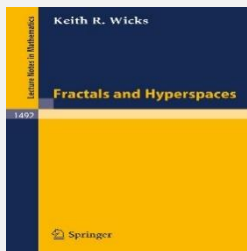
Mathematics



Topology : a core course / Vikram Aithal. :
Techno World, 2023

515.1 R30 [71658 - 71660]

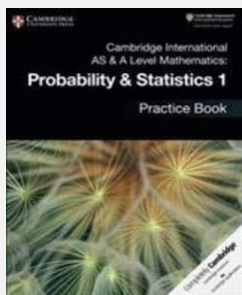
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Fractals and hyperspaces / Wicks, Keith R. :
Springer-Verlag, 1991

515.16 N10 [71661]

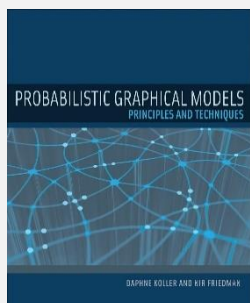
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Cambridge international AS & A level
mathematics : probability & statistics 1
practice book / Cambridge University

519.2 Q81 [71657]

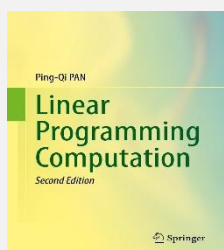
[Click here for more details](#)



Probabilistic graphical models : principles and techniques / Koller, Daphne. : The MIT Press, 2009

519.676:004 P90 [71587]

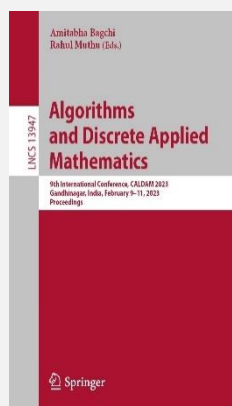
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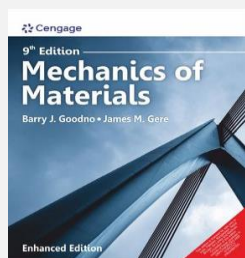
Algorithms and Discrete Applied Mathematics : 9th Inter. Conference, CALDAM 2023, Gandhinagar, India, Feb 9–11, 2023 / Amitabha Bagchi, Rahul Muthu, 2023

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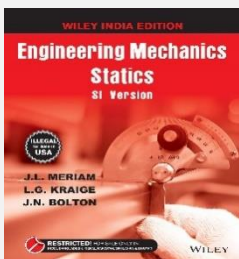
Mechanical Engineering



Mechanics of materials / Goodno, Barry J. : Cengage Learning India Pvt Ltd, 2021

620.17 M40;R1 [71612]

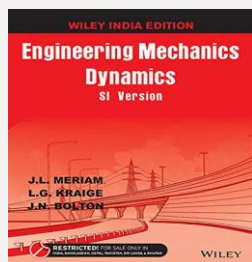
[Click here for more details](#)



Engineering mechanics : statics - Vol,1 /
Meriam, J L. : Wiley India, 2016

621.01.1 N6.1;Q6 [71509 - 71516]

[Click here for more details](#)



Engineering mechanics : dynamics - Vol.2 /
Meriam, J L. : Wiley India, 2016

621.01.1 N6.2;Q6 [71501 - 71508]

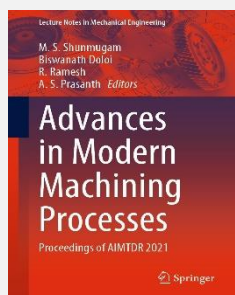
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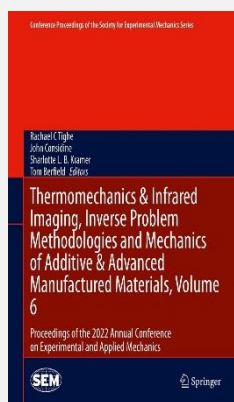
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Proceedings of AIMTDR 2021 / M. S.
Shunmugam, Biswanath Doloi, 2023

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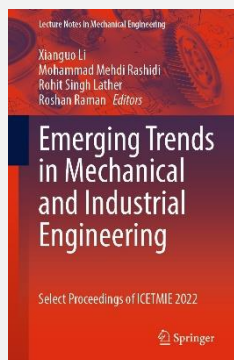
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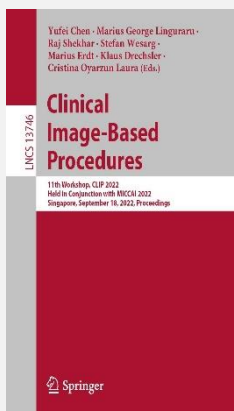
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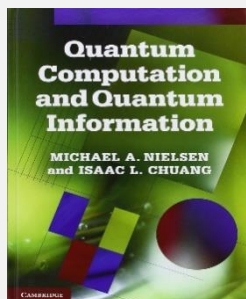
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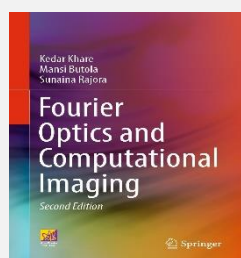
Physics



Quantum computation and quantum Information / Nielsen, Michael A.: Cambridge University Press, 2016

530.145:004 P20 [71528 - 71532]

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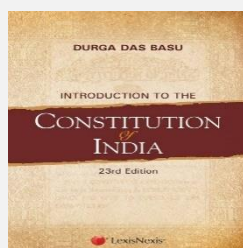
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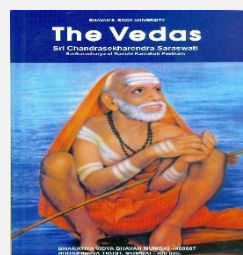
Introduction to the constitution of India/ Durga Das Basu. : Lexis Nexis, 2022

342.4 P11;R2 [71631]

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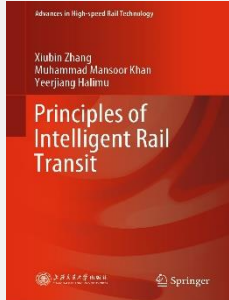
The vedas / Chandrasekharendra Saraswathi. : Bharatiya Vidya Bhavan, 2022

233-24 N3;R2 [71533 - 71542]

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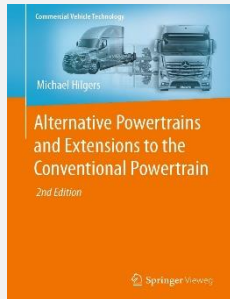
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Xiubin Zhang , Muhammad Mansoor
Khan, 2023

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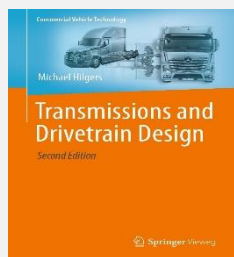
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