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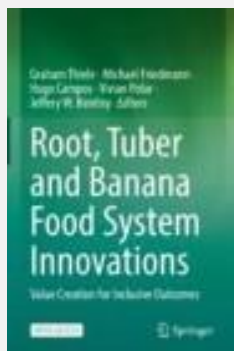
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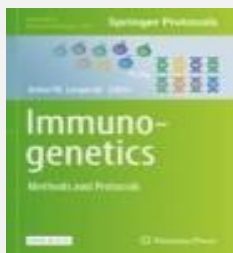
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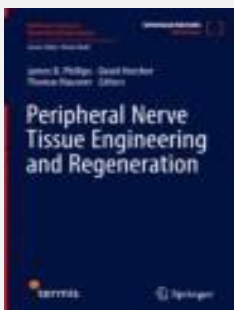
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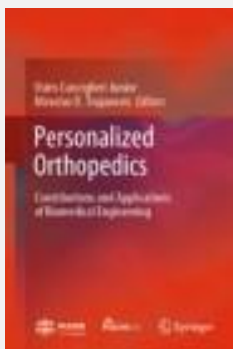
Biomedical Engineering



Peripheral Nerve Tissue Engineering and
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Hercher., 2022

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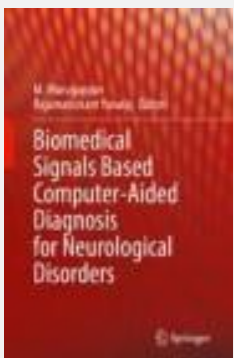
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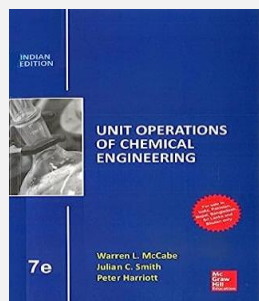


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Disorders / M. Murugappan, Yuvaraj
Rajamanickam, 2022

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Chemical / Chemistry



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McCabe, Warren L.: McGraw-Hill Education
India, 2005

66.01 N31;P5 [70507 - 70516]

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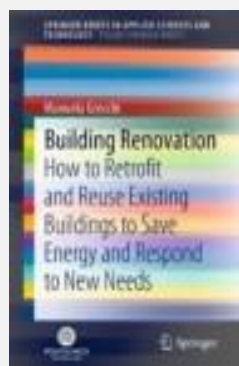
Civil Engineering



Testing and Characterisation of Earth-
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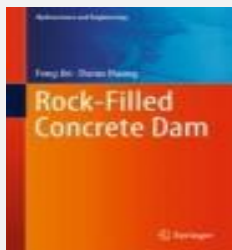
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Energy and Environment 2021 / Hong-
Hu Zhu, Ankit Garg, 2022

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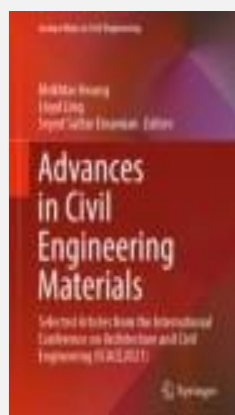
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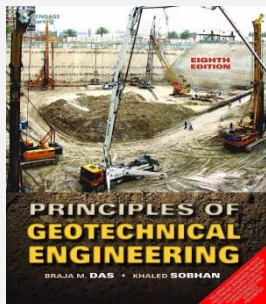
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Advances in Civil Engineering Materials :
Selected Articles from the International
Conference on Architecture and Civil
Engineering (ICACE2021) / Mokhtar
Awang, Lloyd Ling, 2022

E-Book

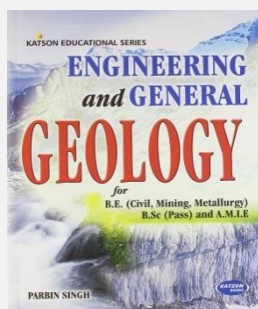
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Principles of geotechnical engineering /
Braja M Das. : Cengage Learning India,
2018

624.13 P20;Q8 [70525 - 70527]

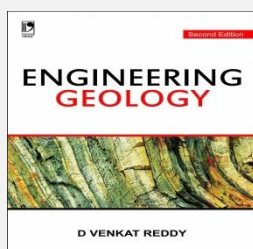
[Click here for more details](#)



A textbook of engineering and general
geology / Parbin Singh. : S K Kataria &
Sons, 2008

624.131.1 P80 [70462]

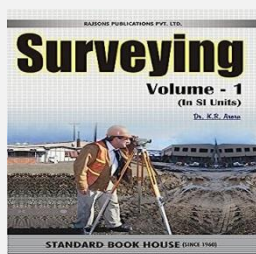
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Engineering geology / Venkat Reddy,D. :
Vikas Publishing House, 2010

624.131.1 Q00 [70491 - 70497]

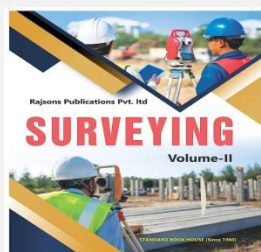
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Surveying - vol. 1 / Arora, K R.: Standard
Book House, 2019

624.135 P60.1;Q9 [70565 - 70573]

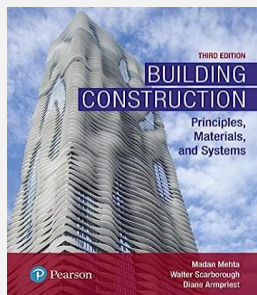
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Surveying - vol. II / Arora, K R.: Standard
Book House, 2020

624.135 P60.2;R0 [70478 - 70485]

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Building construction : principles, materials, and systems / Madan Mehta.: Pearson India Education, 2016

624.691 Q60 [70549 - 70556]

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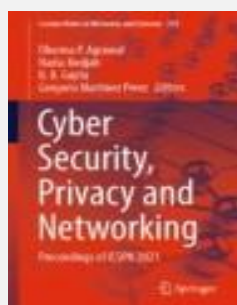
Computer Science



Introduction to automata theory, languages and computation / Hopcroft, John E. : Pearson India Education, 2008

004:519.713 L90;Q1 [70606 - 70610]

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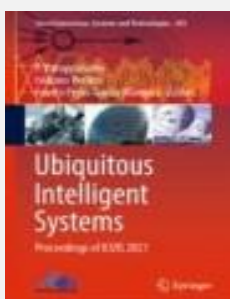
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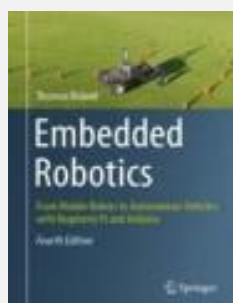
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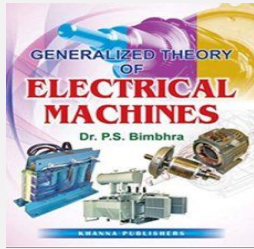
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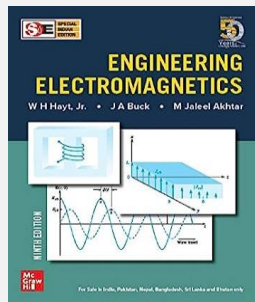
Electrical Engineering



Generalized theory of electrical machines /
Bimbhra P S. : Khanna Publishers, 2017

621.313 M70;Q7 [70587 - 70591]

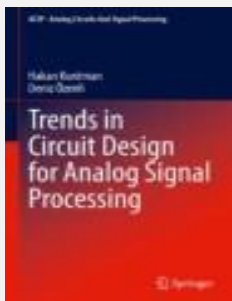
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Engineering electromagnetics / Hayt,
William H. : McGraw Hill Education India,
2020

621.37 M10;R0 [70468 - 70470]

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Trends in Circuit Design for Analog
Signal Processing / Hakan Kuntman ,
Deniz Özenli, 2022

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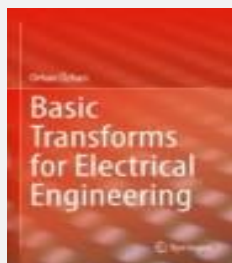
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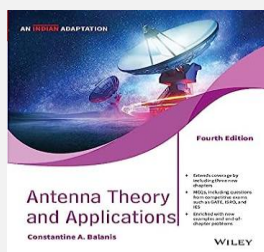
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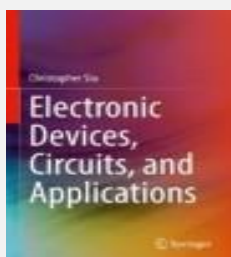
Electronics & Communication



Antenna theory : analysis and design / Balanis, Constantine A. : Wiley India, 2021

621.396.67 P4;R1 [70595 - 70603]

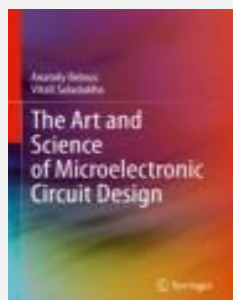
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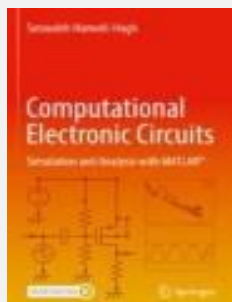
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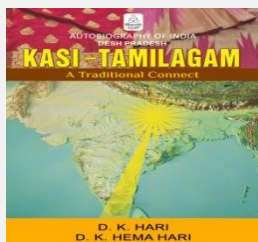
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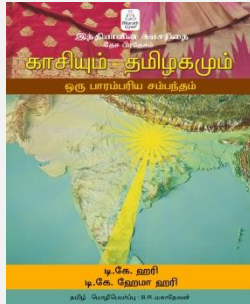
Generalia



Kasi - Tamilagam : a traditional connect / Hari D K. : Bharat Gyan, 2022

930.85(540) R20 [70449 - 70453]

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Kaasiyum-Tamilagamum : oru parambarya sambandam (Tamil) / Hari D K. : Bharat Gyan, 2022

930.85(540)=5T R20 [70454 - 70458]

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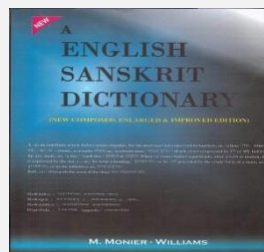
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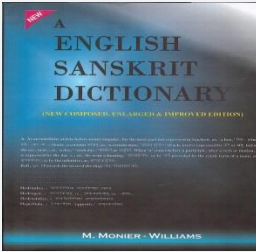
Language, Linguistics, Literature



Sanskrit english - dictionary vol:1 / Monier-Williams, M. : Parimal Publications, 2008

030.8=912=20 P1;P8.1 [70585]

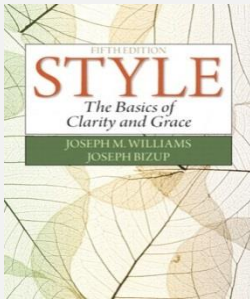
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Sanskrit - english dictionary vol: 2 /
Monier-Williams, M. : Parimal Publications,
2008

030.8=912=20 P1;P8.2 [70586]

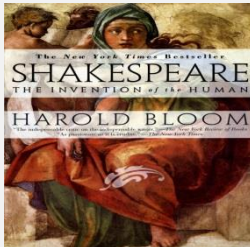
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Style : the basics of clarity and grace /
Williams, Joseph M.: Pearson Education,
2015

811.1'38 Q50 [70583]

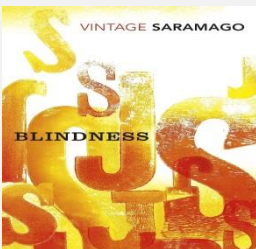
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Shakespeare the invention of the human /
Harold bloom. : Penguin, 1999

821.1-2.09 N80 [70448]

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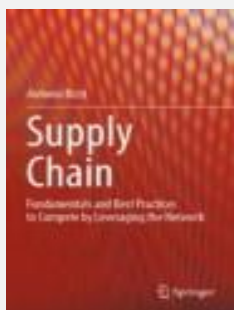
Blindness / Saramago, Jose. : Vintage
Books, 1997

821.1-3 N70 [70459]

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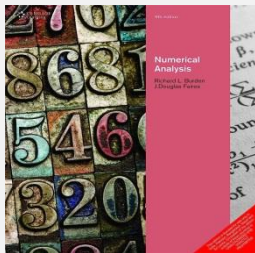
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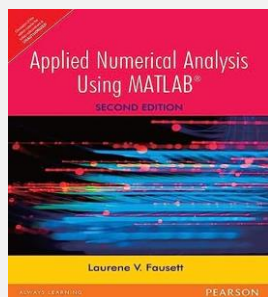
Mathematics



Numerical analysis / Burden, Richard L.:
Cengage Learning India, 2011

519.62 N82;Q1 [70545 -70548, 70593-70594]

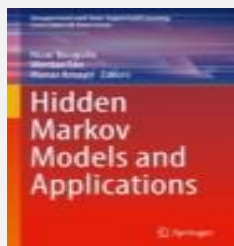
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Applied numerical analysis using MATLAB /
Fausett, Laurene V. : Pearson India
Education, 2009

519.62 N91;P9 [70611 - 70614]

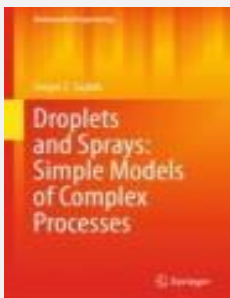
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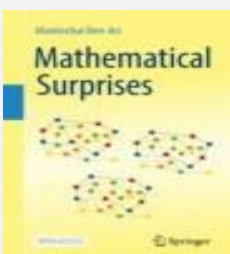
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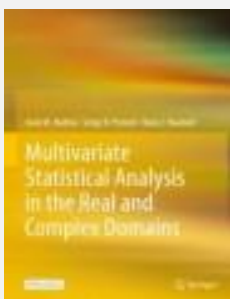
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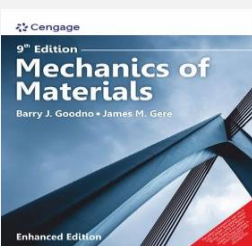
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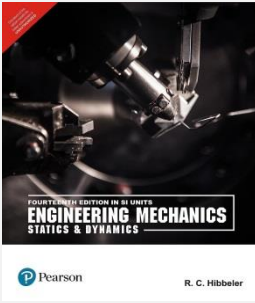
Mechanical Engineering



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

620.17 M40;R1 [70538 - 70544, 70604-70605]

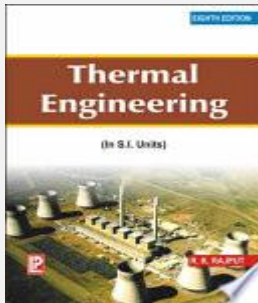
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Engineering mechanics : statics and dynamics / Hibbeler, R C. : Pearson India Education, 2016

621.01.12 N50;Q7 [70486 - 70490]

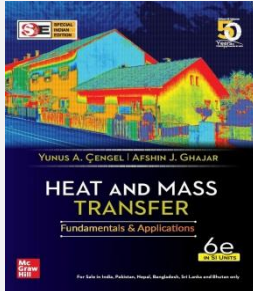
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Thermal engineering : including thermodynamics, heat engines and non-conventional power generation / Rajput,

621.11 Q50;R0 [70528 - 70537]

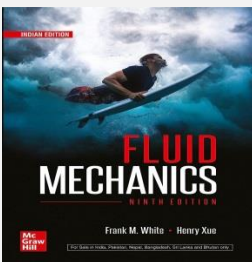
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Heat and mass transfer : fundamentals and applications / Cengel, Yunus A.: McGraw-Hill Education India, 2020

621.181.23 Q10;R0 [70498 - 70506]

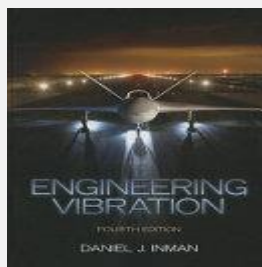
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Fluid mechanics / White, Frank M.: McGraw Hill Education India, 2021

621.22.011 M62;R1 [70465 -70467]

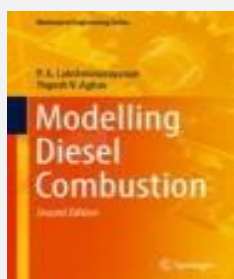
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Engineering vibration / Inman, Daniel J. :
Pearson India Education, 2014

621.8.034 P12;Q4 [70592]

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Modelling Diesel Combustion P. A./
akshminarayanan , Yogesh V. Aghav,
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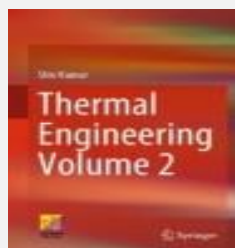
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KOD 2021 / Milan Rackov, Radivoje
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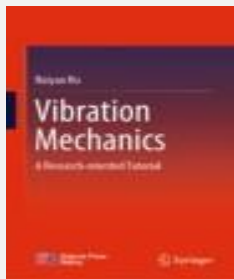
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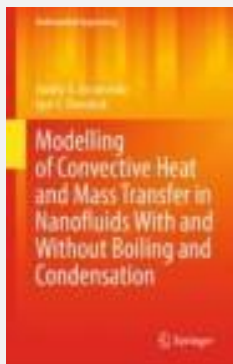
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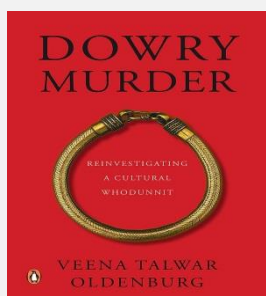
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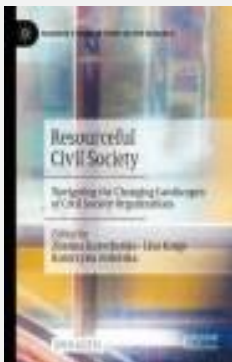
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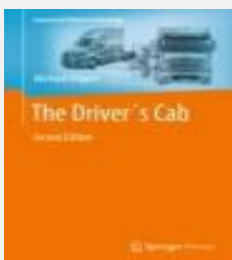
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Accp.Yr.	: 2021
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