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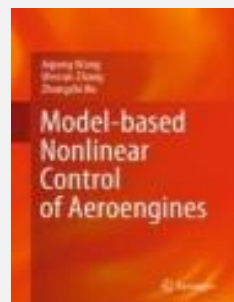
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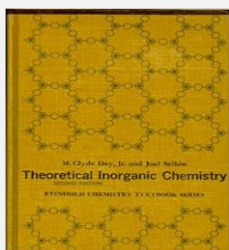
A History of Genomics across Species, Communities and Projects / Miguel García-Sancho, James Lowe (Medicine and Biomedical Sciences in Modern History), 2023

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Theoretical inorganic chemistry / Day, Clyde M. : Affiliated East-West Press, 1962

546 K20 [70297]

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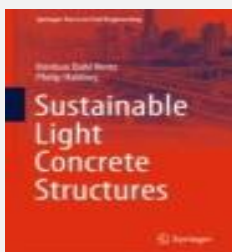
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Re-skilling Human Resources for Construction 4.0 : Implications for Industry, Academia and Government / Omoseni Adepoju, 2022

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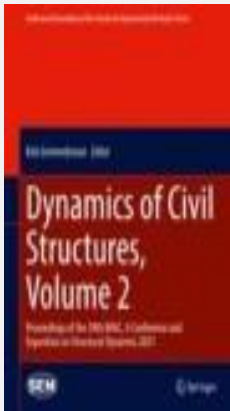
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International Conference on Sustainable  
Built Environment / Ranjith  
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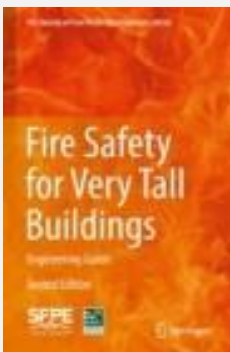
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Proceedings of VCDRR 2021 / Sreevalsa  
Kolathayar, Chandan Ghosh, 2022

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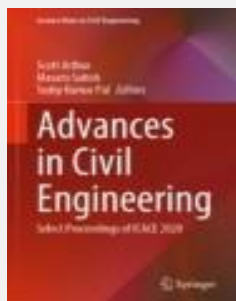
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Council and Society of Fire Protection  
Engineers, 2022

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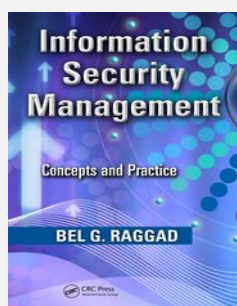
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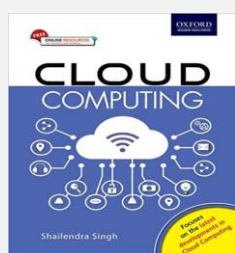
### Computer Science



Information security management : concepts and practice / Raggad, Bel G.: CRC Press, 2010

004.7.056 Q04 [70295]

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Cloud computing / Shailendra Singh.: Oxford Uni. Press, 2018

004.75CLO Q80 [70294]

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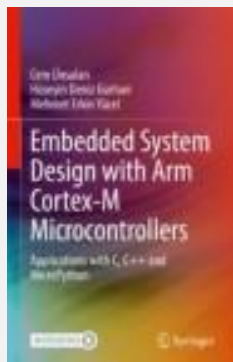




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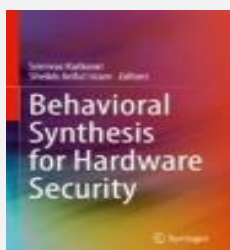
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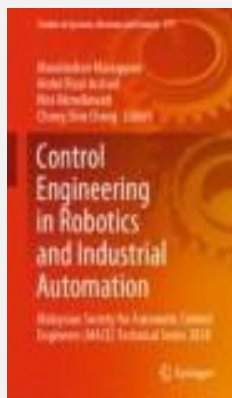
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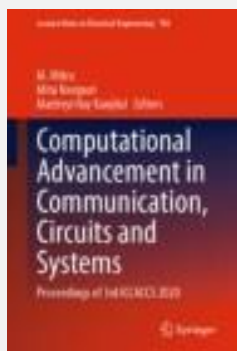
## Electronics & Communication



Microelectronics : an indian adaptation / Razavi, Behzad. : Wiley India, 2020

621.382.77 R00 [70247 - 70276]

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Computational Advancement in  
Communication, Circuits and Systems :  
Proceedings of 3rd ICCACCS 2020 / M.  
Mitra, Mita Nasipuri, 2022

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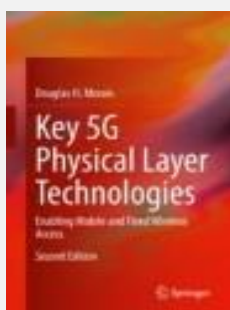
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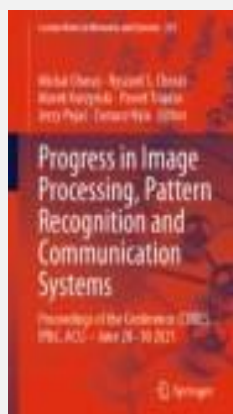
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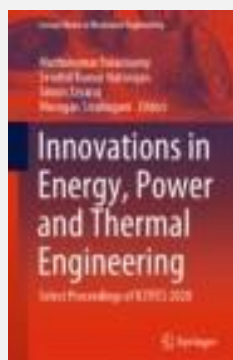
Progress in Image Processing, Pattern  
Recognition and Communication Systems  
: Proceedings of the Conference (CORES,  
IP&C, ACS) - June 28-30 2021 / Michal  
Choraś, 2022

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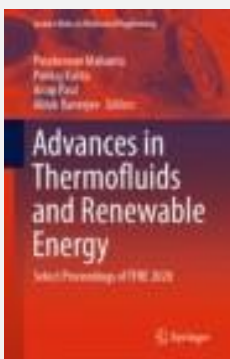
### Energy Engineering



Innovations in Energy, Power and  
Thermal Engineering : Select Proceedings  
of ICITFES 2020 / Muthukumar  
Palanisamy, Sendhil Kumar Natarajan,  
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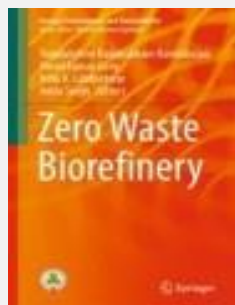
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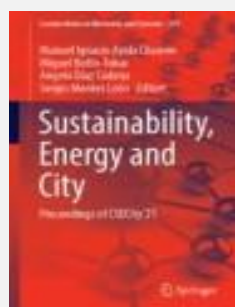
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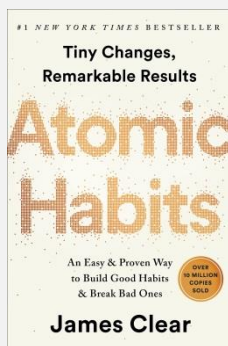
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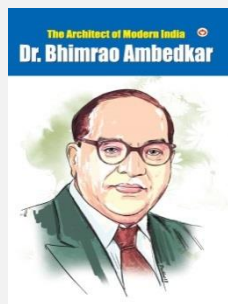
### Generalia



Atomic habits : an easy & proven way to  
build good habits and break bad ones /  
James Clear. : Penguin Random House,  
2018

159.923.2 Q80 [70299 - 70300]

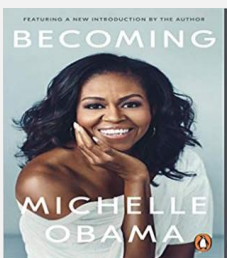
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Dr. Babasaheb Ambedkar the architect of  
modern India: Shri. Puranchandra  
Meshram, 2016

929AMB Q60 [70225]

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Becoming / Michelle Obama. : Penguin  
Random House, 2021

929MIC R10 [70305]

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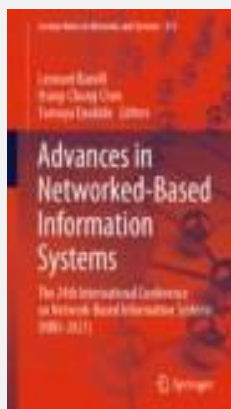
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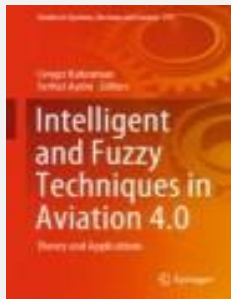




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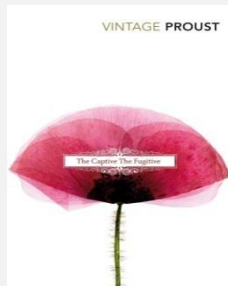
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NLP Techniques for Automated Frame  
Analysis / Felix Hamborg, 2023

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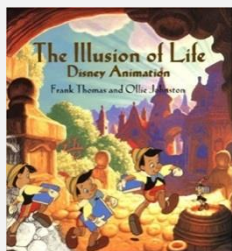
## Language, Linguistics, Literature



In search of lost time - vol. 5 : the captive  
the fugitive / Marcel Proust.: Vitage  
Books, 2000

821.1(44) P00.5 [70303 - 70304]

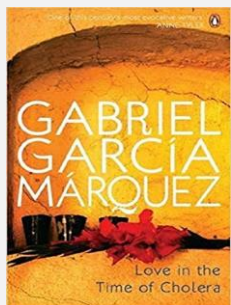
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Mirage - the illusion of life / Parvathy R. :  
Pentagrophy Publication, 2022

821.1-1 R20 [70223 - 70224]

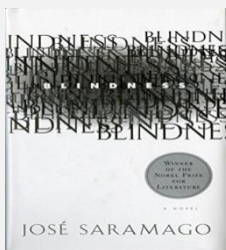
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Love in the time of cholera / Marquez,  
Gabriel Garcia. : Penguin Random House,  
1989

821.1-3 M80 [70307 - 70308]

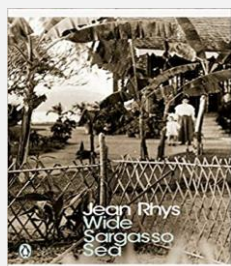
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Blindness / Saramago, Jose. : Vintage Books, 1997

821.1-3 N70 [70313]

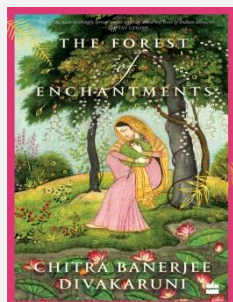
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Jean rhys : wide sargasso sea / Angela Smith (ed). : Penguin Books, 1997

821.1-3 N70 [70306]

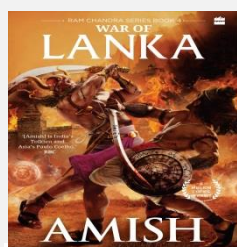
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Forest of enchantment / Divakaruni, Chithra Banerjee. : HarperCollins Publishers, 2019

821.1-3 Q90 [70301]

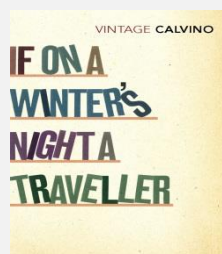
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War of Lanka / Amish. : HarperCollins Publishers, 2022

821.1-3 R20 [70302]

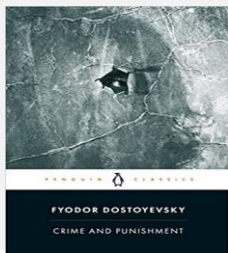
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If on a winter's night a traveller / Calvino, Italo. : Vintage Books, 1983

821.1-311.6 M30 [70311 - 70312]

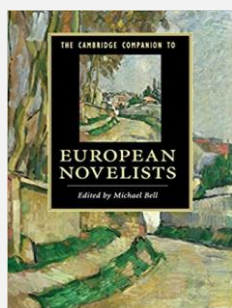
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Crime and punishment / Dostoyevsky, Fyodor. : Penguin Books, 1991

821.1-312.4 N10 [70309 - 70310]

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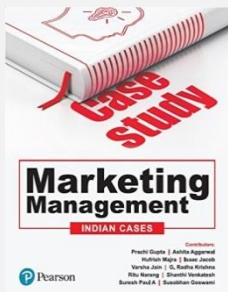
The cambridge companion to European novelists : cambridge companions to literature / Bell, Michael (ed).

821.1.09 Q20 [70298]

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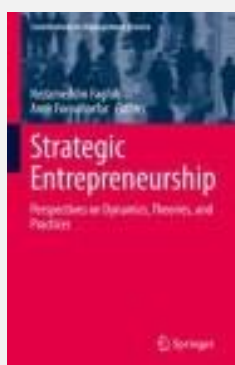
### Management



Marketing management : indian cases - case study / Pearson. : Pearson India Education, 2018

005.658.8 Q80 [70292 - 70293]

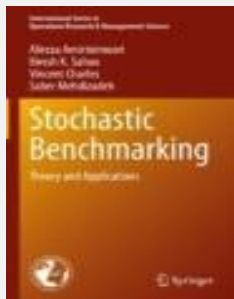
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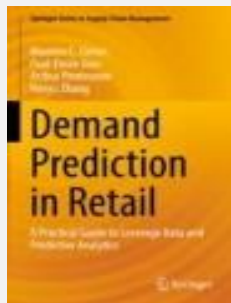




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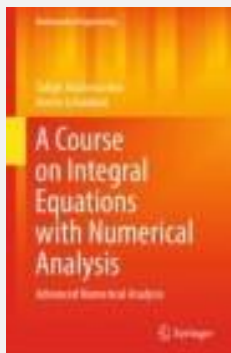
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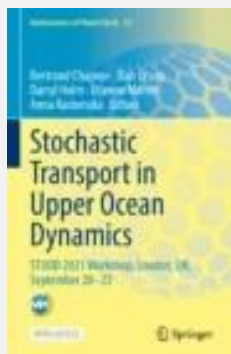
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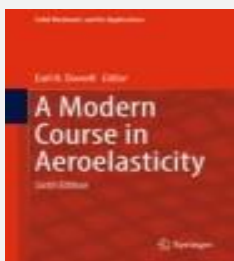
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: Proceedings of the Indo-Korean  
workshop on Multi Functional Materials  
for Extreme Loading 2021 / Shankar  
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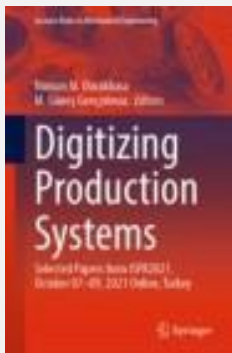
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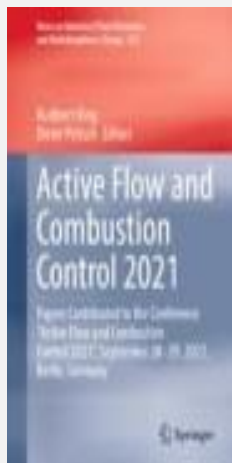
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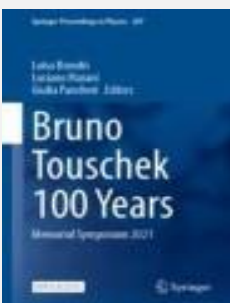
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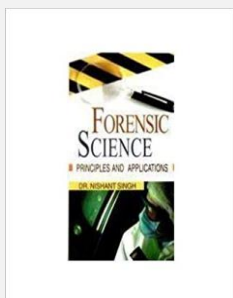
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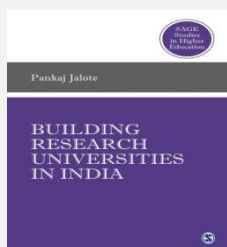
## Social Sciences



Forensic science : principles and applications / Nishant Singh. : Ancient Publishing House, 2011

343.98 Q10 [70296]

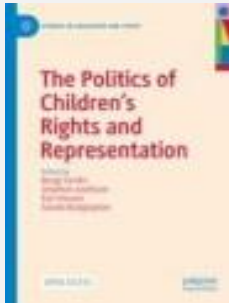
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378(540) R10 [70277]

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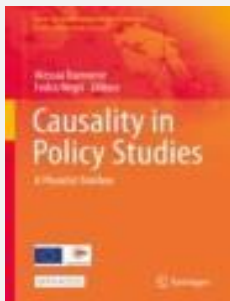
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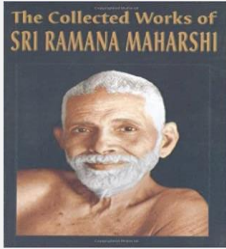
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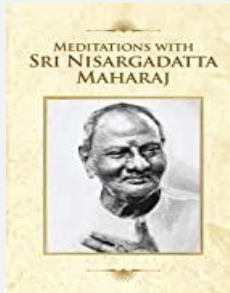
## Spiritual Science



Collected works of Ramana Maharshi: Sri Ramanashramam, 2011

233-36M Q10 [70279]

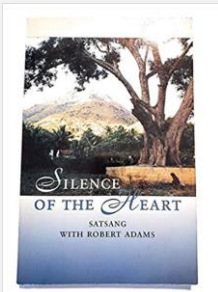
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Silence of the heart : dialogues with Robert Adams / Ananda Devi (ed). : Yogi Impressions, 1992

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<b>Title</b>	<b>: Static Analysis for Critical Numerical Accuracy in Floating Point Programs</b>
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<b>Author</b>	<b>: Sabina Khatun</b>
<b>Guide</b>	<b>: Nandita Mishra Sankarprasad Bhuniya</b>
<b>Univ/Fac</b>	<b>: Department of Sciences, Amrita Vishwa Vidyapeetham.</b>
<b>Degree</b>	<b>: PhD.</b>
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