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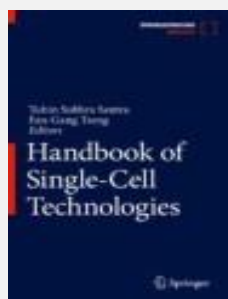
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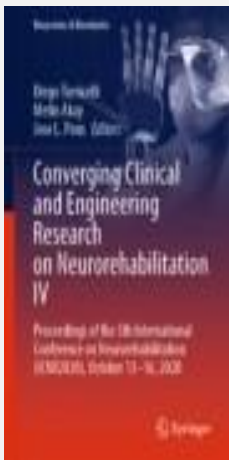
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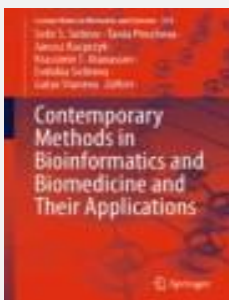
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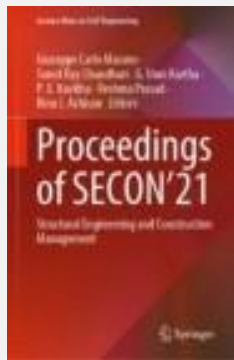
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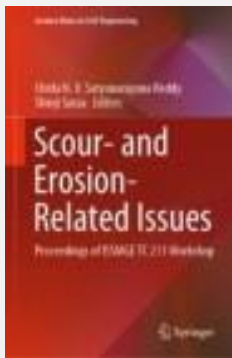
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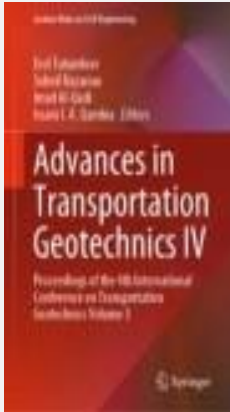
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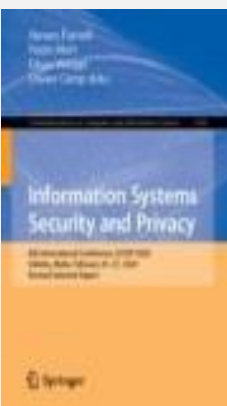
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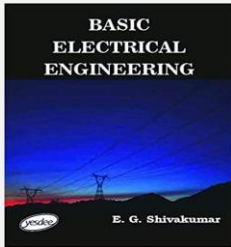
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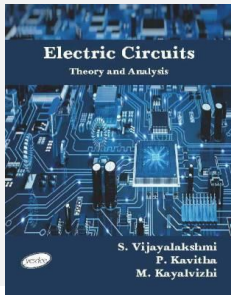
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Basic electrical engineering / ShivaKumar  
E G. : Yes Dee Publishing, 2019

621.3 Q90 [70205 - 70206]

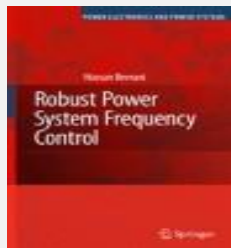
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2020

621.3.049 R00 [70207 - 70211]

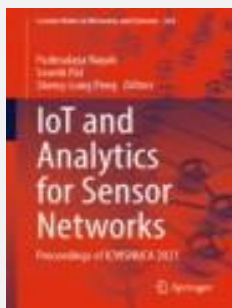
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Bevrani, Hassan. : Springer, 2009

621.316 P90 [70221]

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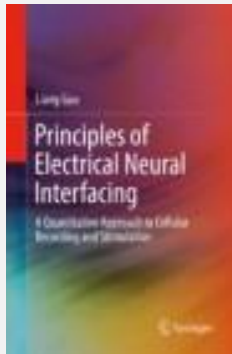


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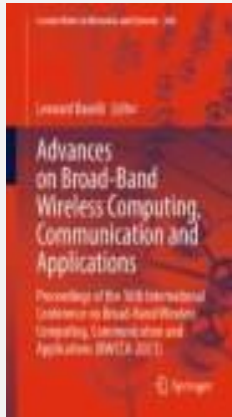
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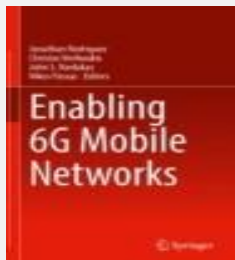
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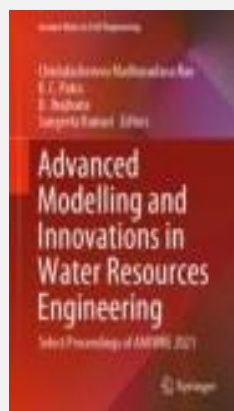
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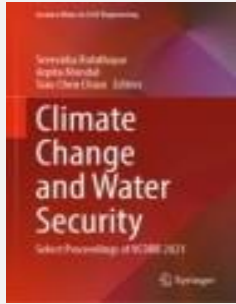
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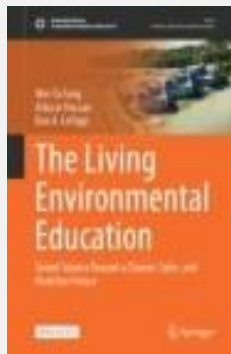
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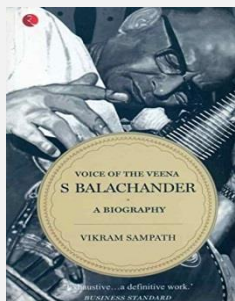
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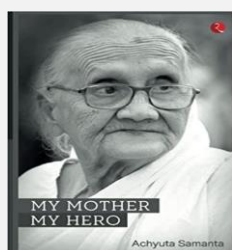
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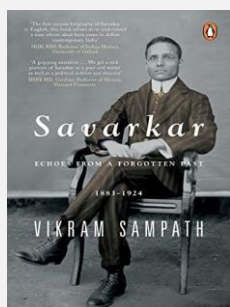
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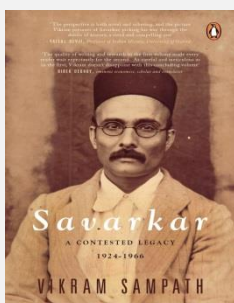
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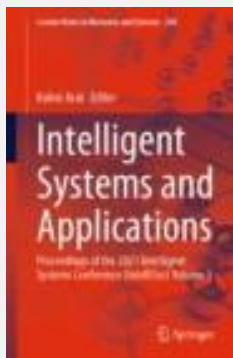
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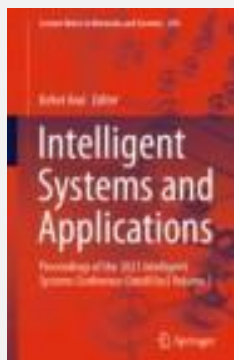
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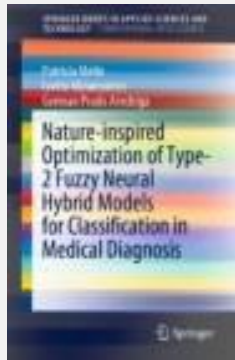


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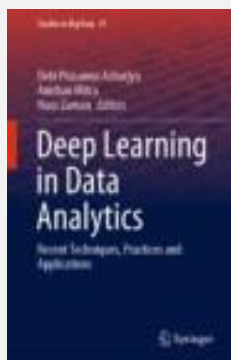
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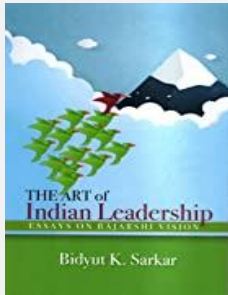
Vadakkante manassu [Malayalam] / Amal Kanathur. : Kaippada Publishing Group, 2022

821.5M-32 R20 [70220]

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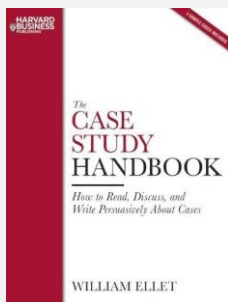
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005.322:316.46 R20 [70222]

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005:658 P70 [70215]

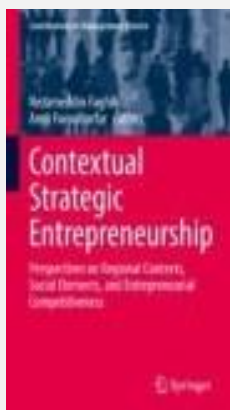
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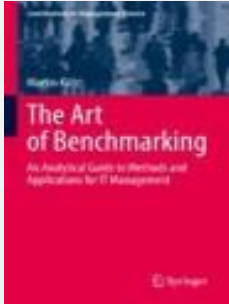
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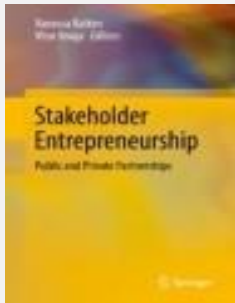
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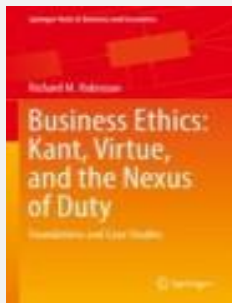
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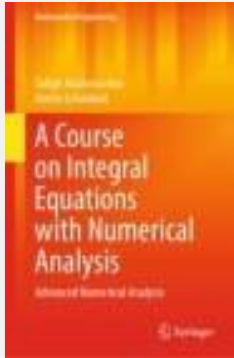
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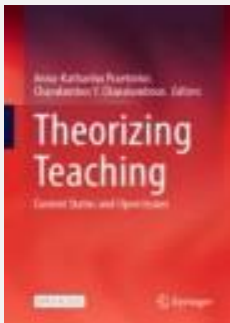
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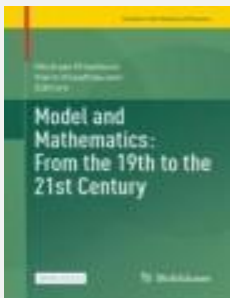
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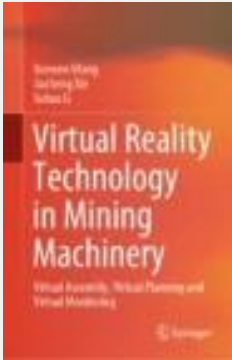
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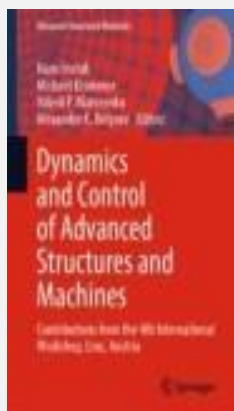
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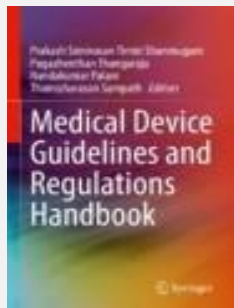
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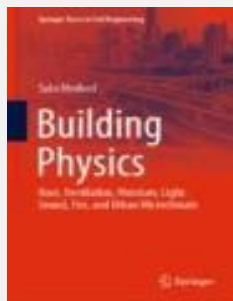
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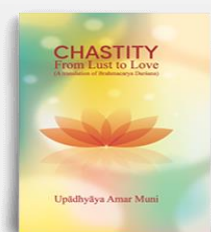
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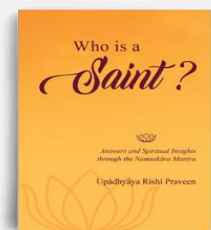
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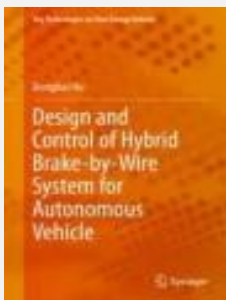
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<b>Guide</b>	<b>: Jayakumar R Sahadev A Shankarappa</b>
<b>Univ/Fac</b>	<b>: Depart. of Nanosciences &amp; Molecular Medicine, Amrita Vishwa Vidyapeetham</b>
<b>Degree</b>	<b>: PhD.</b>
<b>Sub. on</b>	<b>: 2020</b>
<b>Accp.Yr.</b>	<b>: 2020</b>
<b>Pub/Unpu</b>	<b>: Unpb</b>
<b>Pub.Plc.</b>	<b>: Kochi Campus</b>
<b>Collatin</b>	<b>: xvii, 134</b>
<b>Class No</b>	<b>: 620.3(043.2) R07</b>
<b>Accn Nos</b>	<b>: DS4008</b>
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<b>Title</b>	<b>: Graphene Based Nanomaterials for DSSC Counter Electrode Applications</b>
<b>Author</b>	<b>: Senthilkumar R</b>
<b>Guide</b>	<b>: Nikhil K Kothurkar Kumaresan D</b>
<b>Univ/Fac</b>	<b>: Department of CEMS, Amrita Vishwa Vidyapeetham</b>
<b>Degree</b>	<b>: PhD.</b>
<b>Sub. on</b>	<b>: 2020</b>
<b>Accp.Yr.</b>	<b>: 2021</b>
<b>Pub/Unpu</b>	<b>: Unpb</b>
<b>Pub.Plc.</b>	<b>: Coimbatore Campus</b>
<b>Collatin</b>	<b>: xvi, 132</b>
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<b>Accn Nos</b>	<b>: DS4009</b>
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<b>Title</b>	<b>: Development of Multifunctional Solution Processed Quaternary Chalcogenides via Cation Exchange of Cu<sub>2</sub>ZnSnS<sub>4</sub></b>
<b>Author</b>	<b>: Sreejith P M</b>
<b>Guide</b>	<b>: Sudip K Batabyal and Kumaresan</b>
<b>Univ/Fac</b>	<b>: Department of CEMS, Amrita Vishwa Vidyapeetham</b>
<b>Degree</b>	<b>: PhD.</b>
<b>Sub. on</b>	<b>: 2021</b>
<b>Accp.Yr.</b>	<b>: 2021</b>
<b>Pub/Unpu</b>	<b>: Unpb</b>
<b>Pub.Plc.</b>	<b>: Coimbatore Campus</b>
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<b>Accn Nos</b>	<b>: DS4010</b>
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<b>Title</b>	<b>: A comprehensive control strategy for Wind-Solar powered autonomous AC DC Hybrid Micrigrd with Battery Energy Storage</b>
<b>Author</b>	<b>: Mohanrajan S R</b>
<b>Guide</b>	<b>: Sasi K Kottayil Vijayakumari A</b>
<b>Univ/Fac</b>	<b>: Department of EEE, Amrita Vishwa Vidyapeetham.</b>
<b>Degree</b>	<b>: PhD.</b>
<b>Sub. on</b>	<b>: 2021</b>
<b>Accp.Yr.</b>	<b>: 2021</b>
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<b>Accn Nos</b>	<b>: DS4011</b>
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<b>Title</b>	<b>: Interoperable Communication Architecture for Smart Electric Power Distribution Systems</b>
<b>Author</b>	<b>: Sivraj P</b>
<b>Guide</b>	<b>: Sasi K Kottayil</b>
<b>Univ/Fac</b>	<b>: Centre for EEE, Amrita Vishwa Vidyapeetham.</b>
<b>Degree</b>	<b>: PhD.</b>
<b>Sub. on</b>	<b>: 2020</b>
<b>Accp.Yr.</b>	<b>: 2021</b>
<b>Pub/Unpu</b>	<b>: Unpb</b>
<b>Pub.Plc.</b>	<b>: Coimbatore Campus</b>
<b>Collatin</b>	<b>: xiv, 136</b>
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