

Monthly Bulletin of New Additions of Books

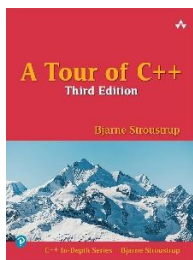
April 2025



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DATA SCIENCE



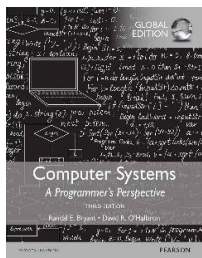
Title: [A tour of C++, 3rd Ed.](#)

Author: Stroustrup, Bjarne

Publisher: Boston: Addison-Wesley, 2023.

Call No.: 005.133/STR

Acc. No.: 28400



Title: [Computer systems : a programmer's perspective, 3rd Ed.](#)

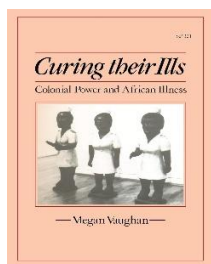
Author: Bryant, Randal E.

Publisher: London: Pearson, 2016.

Call No.: 005.43/BRY

Acc. No.: 28401

SOCIAL SCIENCES



Title: [Curing their ills : colonial power and African illness](#)

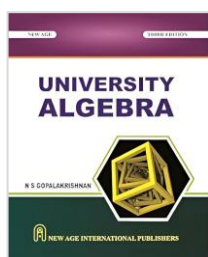
Author: Vaughan, Megan

Publisher: Malden: Polity Press, 1991.

Call No.: 362.1096/VAU

Acc. No.: 28392-28396

MATHEMATICS



Title: [University algebra, 3rd Ed.](#)

Author: Gopalakrishnan, N. S.

Publisher: New Delhi: New Age International, 2015.

Call No.: 512.8/GOP

Acc. No.: GB3333



Title: [Metric spaces](#)

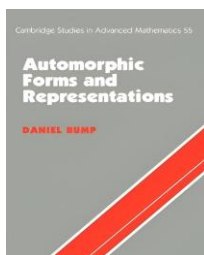
Author: Searcoid, Michael O.

Publisher: New Delhi: Springer, 2007.

Call No.: 515.124/SEA

Acc. No.: GB3332

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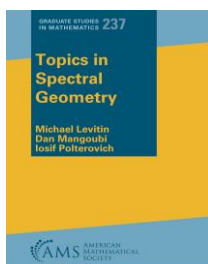
Title: [Automorphic forms and representations](#)

Author: Bump, Daniel

Publisher: Cambridge: Cambridge University Press, 1998.

Call No.: 515.9/BUM

Acc. No.: GB3331



Title: [Topics in spectral geometry](#)

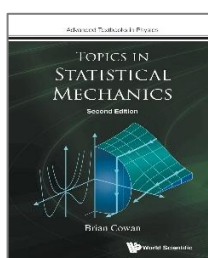
Author: Levitin, Michael

Publisher: Providence: American Mathematical Society, 2023.

Call No.: 516.07/LEV

Acc. No.: 28391

PHYSICS



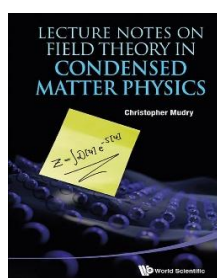
Title: [Topics in statistical mechanics, 2nd Ed.](#)

Author: Cowan, Brian

Publisher: New Jersey: World Scientific, 2022.

Call No.: 530.13/COW

Acc. No.: 28402



Title: [Lecture notes on field theory in condensed matter physics](#)

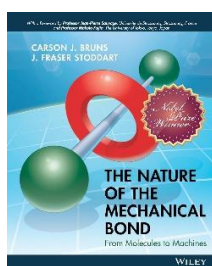
Author: Mudry, Christopher

Publisher: New Jersey: World Scientific, 2014.

Call No.: 530.41/MUD

Acc. No.: 28403

CHEMISTRY



Title: [Nature of the mechanical bond : from molecules to machines](#)

Author: Bruns, Carson J.

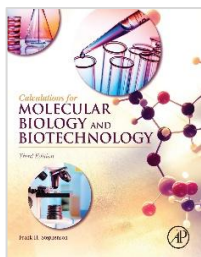
Publisher: New Jersey: Wiley, 2017.

Call No.: 541.22/BRU

Acc. No.: 28407

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BIOLOGY



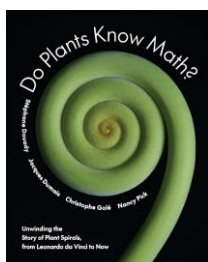
Title: [Calculations for molecular biology and biotechnology](#)

Author: Stephenson, Frank H.

Publisher: San Diego: Elsevier, 2016.

Call No.: 572.8/STE

Acc. No.: 28408



Title: [Do plants know math? : unwinding the story of plant spirals, from Leonardo Da Vinci to now](#)

Author: Douady, Stéphane

Publisher: New Jersey: Princeton University Press, 2024.

Call No.: 581.4/DOU

Acc. No.: 28406

ARTS



Title: [Variegated vista : painting, sculpture, and printmaking in post independence Uttar Pradesh](#)

Author: Bhatnagar, Shefali

Publisher: Gurgaon: Shubhi Publications, 2011.

Call No.: 709.54/BHA

Acc. No.: 28404



Title: [Architecture in Maharashtra tradition and journey-Vol 1. \(Marathi translation\)](#)

Author: Dengle, Narendra_Ed.

Publisher: Mumbai: Maharashtra State Board for Literature and Culture, 2024

Call No.: 720.954/DEN

Acc. No.: GB3334

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Title: Architecture in Maharashtra tradition and journey-Vol 2.
(Marathi translation)
Author: Dingle, Narendra_Ed.
Publisher: Mumbai: Maharashtra State Board for Literature and Culture, 2024.
Call No.: 720.954/DEN
Acc. No.: GB3335

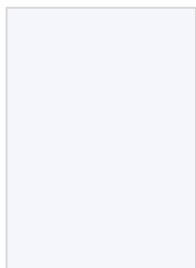


Title: Architecture in Maharashtra tradition and journey-Vol 1.
Author: Dingle, Narendra_Ed.
Publisher: Mumbai: Maharashtra State Board for Literature and Culture, 2024.
Call No.: 720.954/DEN
Acc. No.: GB3336

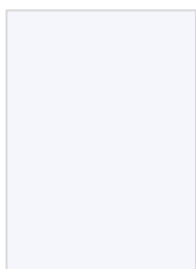


Title: Architecture in Maharashtra tradition and journey-Vol 2.
Author: Dingle, Narendra_Ed.
Publisher: Mumbai: Maharashtra State Board for Literature and Culture, 2024.
Call No.: 720.954/DEN
Acc. No.: GB3337

THESES

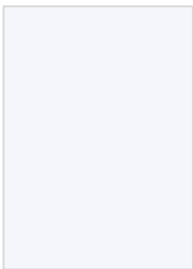


Title: [A study of the carathéodory and szegő metrics on planar domains](#)
Author: Bhatnagar, Anjali
Publisher: Pune: IISER PUNE, 2025.
Call No.: 510/BHA
Acc. No.: TH571



Title: [Inverse galois problem & root clusters](#)
Author: Jaiswal, Shubham
Publisher: Pune: IISER PUNE, 2024.
Call No.: 510/JAI
Acc. No.: TH569

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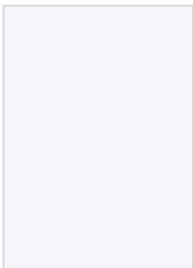
Title: [Cuspidal cohomology for GL\(N\) over number fields](#)

Author: Nasit, Darshan Prafulbhai

Publisher: Pune: IISER PUNE, 2025.

Call No.: 510/NAS

Acc. No.: TH568



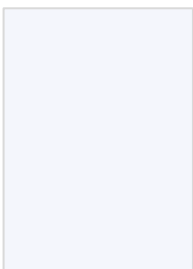
Title: [Exploring statistical isotropy violations in the CMB sky: real-space analysis](#)

Author: Dipanshu, Dipanshu

Publisher: Pune: IISER PUNE, 2024.

Call No.: 530/DIP

Acc. No.: TH566



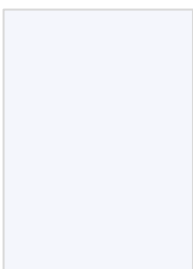
Title: [Atom interferometry with ultracold rubidium atoms](#)

Author: Dutta, Pranab

Publisher: Pune: IISER PUNE, 2024.

Call No.: 530/DUT

Acc. No.: TH575



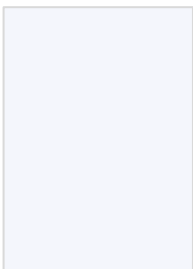
Title: [Magneto-optical trapping of strontium atoms for optical atomic clock](#)

Author: Patel, Kushal Hiteshbhai

Publisher: Pune: IISER PUNE, 2024.

Call No.: 530/PAT

Acc. No.: TH574



Title: [Ultrafast dynamics and nonlinear photonics of perovskites and doped semiconductor nanocrystals](#)

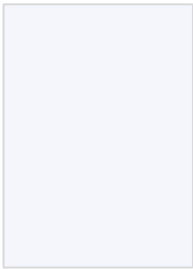
Author: Chaturvedi, Aman

Publisher: Pune: IISER PUNE, 2025.

Call No.: 540/CHA

Acc. No.: TH565

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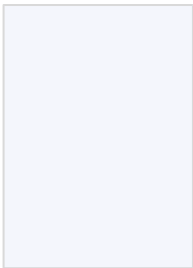
Title: [L-tyrosine based polymer brushes for drug delivery in-vitro and in-vivo](#)

Author: Gavhane, Utreshwar

Publisher: Pune: IISER PUNE, 2025.

Call No.: 540/GAV

Acc. No.: TH578



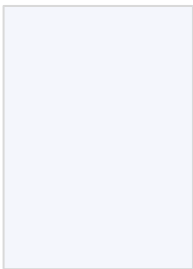
Title: [Designing organic a-site cations for emerging optoelectronic properties of hybrid halide perovskites: reversible melting, non-centrosymmetry, and chirality](#)

Author: Kumar Rajput, Parikshit

Publisher: Pune: IISER PUNE, 2024.

Call No.: 540/KUM

Acc. No.: TH576



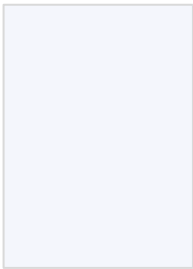
Title: [Synthesis, characterization and redox properties of “hyper s-confused porphyrinoids” and “porphyrinoids with thiophenes and phenanthroline](#)

Author: Mishra, Vishnu

Publisher: Pune: IISER PUNE, 2024.

Call No.: 540/MIS

Acc. No.: TH572



Title: [An electrochemical neutralization cell to harvest the water formation energy](#)

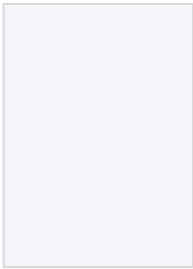
Author: Mondal, Ritwik

Publisher: Pune: IISER PUNE, 2024.

Call No.: 540/MON

Acc. No.: TH563

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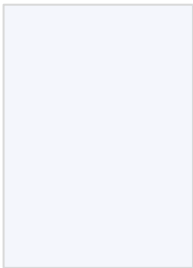
Title: [Synthetic approaches and biological functions of n-sulfated heparan sulfate oligosaccharides and proteoglycan mimetics](#)

Author: Raigawali, Rakesh Bhaskar

Publisher: Pune: IISER PUNE, 2025.

Call No.: 540/RAI

Acc. No.: TH564



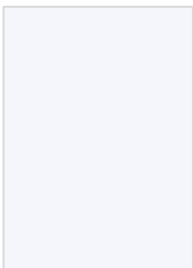
Title: [Transition metal \(d-d\) and lanthanide \(f-f\) doped metal halide double perovskites for short-wave infrared phosphor-converted LED](#)

Author: Saikia, Sajid

Publisher: Pune: IISER PUNE, 2024.

Call No.: 540/SAI

Acc. No.: TH567



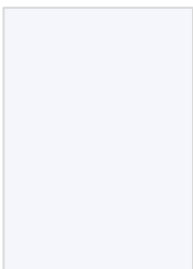
Title: [Exploring the metabolism of the signaling lipid lysophosphatidylserine in mammalian physiology and developing LC-MS-based lipidomics platforms](#)

Author: Chakraborty, Arnab

Publisher: Pune: IISER PUNE, 2025.

Call No.: 570/CHA

Acc. No.: TH570



Title: [Integrating mechanical, cell geometric and biochemical inputs for self-organised morphogenesis in plant regeneration](#)

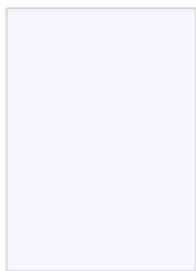
Author: Mathew, Mabel Maria

Publisher: Pune: IISER PUNE, 2025.

Call No.: 570/MAT

Acc. No.: TH577

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Title: [Collective mechanics of dynein driven microtubule \(MT\) transport, oscillations and bead motility](#)

Author: Yadav, Shivani Anand

Publisher: 2024: IISER PUNE, 2024.

Call No.: 570/YAD

Acc. No.: TH573

[Monthly Bulletin of Books \(Previous Months\)](#)

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