



## Central Library IISER Bhopal

### New Books Arrival

(Period: 28.05.2024 – 11.06-2024)

| Sr. No. | Author               | Title   | Ed.             | Publisher                     |
|---------|----------------------|---|-----------------|-------------------------------|
| 1.      | Anastopoulos, Charis | Quantum Theory : Foundational Approach  |                 | Cambridge University Press    |
| 2.      | Beard, David B.      | Quantum Mechanics   |                 | Dover Publications            |
| 3.      | Blumenhagen, Ralph   | Basic Concepts of String Theory   |                 | Springer                      |
| 4.      | Bohm, David          | Quantum Theory  |                 | Dover Publication             |
| 5.      | Bona, Miklos         | Walk Through Combinatorics : Introduction to Enumeration, Graph Theory and Selected Other Topics                | 5 <sup>th</sup> | World Scientific              |
| 6.      | Boyd, Stephen        | Convex Optimization   |                 | Cambridge University Press    |
| 7.      | Carlier, Guillaume   | Classical and Modern Optimization   |                 | World Scientific              |
| 8.      | Carmeli, Claudio     | Mathematical Foundations of Supersymmetry   |                 | European Mathematical Society |
| 9.      | Chatterji, Joya      | Shadows at Noon : south Asian Twentieth Century   |                 | Penguin Random House          |
| 10.     | Coecke, Bob          | Quantum in Pictures   |                 | Cambridge Quantum             |
| 11.     | Gallager, Robert G.  | Stochastic Processes : Theory for Applications  |                 | Cambridge University Press    |
| 12.     | Georgiev, Svetlin G. | Theory of Distributions   | 2 <sup>nd</sup> | Springer                      |
| 13.     | Green, Michael B.    | Superstring Theory Volume 1 : Introduction 25 <sup>th</sup> Anniversary Edition                                 |                 | Cambridge University Press    |
| 14..    | Green, Michael B.    | Superstring Theory Volume 2 : Loop Amplitudes, Anomalies and Phenomenology 25 <sup>th</sup> Anniversary Edition |                 | Cambridge University Press    |
| 15.     | Guillemin, Victor    | Differential Forms  |                 | World Scientific              |
| 16.     | Halmos, Paul R.      | Finite-Dimensional Vector Spaces  | 2 <sup>nd</sup> | Dover Publication             |
| 17.     | Heisenberg, Werner   | Physical Principles of the Quantum Theory   |                 | Dover Publication             |
| 18..    | Helstrom, Carl W.    | Quantum Detection and Estimation Theory   |                 | Academic Press                |
| 19.     | Hidary, Jack D.      | Quantum Computing : Applied Approach  | 2 <sup>nd</sup> | Springer                      |
| 20.     | Holstein, Barry R.   | Topics in Advanced Quantum Mechanics  |                 | Dover Publication             |

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|-----|---------------------|--|-----------------|----------------------------|
| 21. | Jain, Anupam        | Mathematics in Ancient Jaina Literature  |                 | World Scientific           |
| 22. | Kaku, Michio        | Strings, Conformal Fields, and M-Theory  |                 | Springer                   |
| 23. | Kebler, Enno        | Supergeometry, Super Riemann Surfaces and the Superconformal Action Functional |                 | Springer                   |
| 24. | Khinchin, A.I.      | Mathematical Foundations of Information Theory                                 |                 | Dover Publications         |
| 25. | Kilford, L.J.P.     | Modular Forms : Classical and Computational Introduction                       |                 | Imperial College Press     |
| 26. | Kiritsis, Elias     | String Theory in a Nutshell  | 2 <sup>nd</sup> | Princeton University Press |
| 27. | Mahajan, Sanjoy     | Art of Insight in Science and Engineering                                      |                 | MIT Press                  |
| 28. | Marchal, Christian  | Three- Body Problem  |                 | Elsevier                   |
| 29. | Mazur, Eric Michael | Religion and Outer Space   |                 | Taylor & Francis Group     |
| 30. | Messiah, Albert     | Quantum Mechanics : Two Volumes Bound as One                                   |                 | Dover Publication          |
| 31. | Metodi, Tzvetan S.  | Quantum Computing for Computer Architects                                      | 2 <sup>nd</sup> | Springer-Nature            |
| 32. | Milne, James S      | Elliptic Curves  | 2 <sup>nd</sup> | World Scientific           |
| 33. | Murty, M.Ram        | Transcendental Numbers   |                 | Springer                   |
| 34. | Pitale, Ameya       | Siegel Modular Forms : Classical and Representation-Theoretic Approach         |                 | Springer                   |
| 35. | Roth, Ron M.        | Introduction to Coding Theory  |                 | Cambridge University Press |
| 36. | Schmid, Erich W.    | Quantum Mechanical Three-Body Problem  |                 | Oxford Pergamon Press      |
| 37. | Valtonen, Mauri     | Three-Body Problem   |                 | Cambridge University Press |
| 38. | Valtonen, Mauri     | Three-body Problem from Pythagoras to Hawking                                  |                 | Springer                   |
| 39. | Vaughan, R.C.       | Hardy-Littlewood Method  | 2 <sup>nd</sup> | Cambridge University Press |
| 40. | Vidick, Thomas      | Introduction to Quantum Cryptography   |                 | Cambridge University Press |
| 41. | Zhao, Yufei         | Graph Theory and Additive Combinatorics : Exploring Structure and Randomness   |                 | Cambridge University Press |
| 42. | Ziemer, Rodger E.   | Principles of Communications : Systems, Modulation and Noise                   | 7 <sup>th</sup> | Wiley                      |