



Operators and Representation Theory Canonical Models for Algebras of Operators Arising in Quantum Mechanics Dover Books on Physics

By Palle E. T. Jorgensen

Dover Publications. Paperback. Book Condition: New. Paperback. 352 pages. Dimensions: 9.2in. x 6.4in. x 0.8in. Algebras of operators arise frequently in the study of representations of Lie groups, both finite-dimensional and infinite-dimensional. This book begins with extensive background material that covers definitions and terminology, operators in Hilbert space, and the imprimitivity theorem. Advancing to considerations of the algebras of operators in Hilbert space, the heart of the text examines domains of representations, operators in the enveloping algebra, and spectral theory. The final section explores covariant representations and connections, with a particular focus on infinite-dimensional Lie algebras. A helpful Appendix on the integrability of Lie algebras concludes the text. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



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