

Infinite-Dimensional Lie Algebras #Victor G. Kac #9780521466936 #1990 #400 pages #Cambridge University Press, 1990

Infinite-dimensional Lie Algebras, Representations, Hermitian Duality and the Operators of Stochastic Calculus. by. Palle Jorgensen. Example: There are two ways to think of systems of generators for the CCR-algebra over a fixed infinite-dimensional Hilbert space (CCR is short for canonical commutation relations): (i). an infinite-dimensional Lie algebra, or. (ii). an associative \ast -algebra. With this in mind, (ii) will simply be the universal enveloping algebra of (i); see [3]. While there is also an infinite-dimensional Lie group corresponding to (i), so far, we have not found it as useful as the Lie algebra itself. All this, and related ideas, supply us with tools for an infinite-dimensional stochastic calculus. Buy Infinite-Dimensional Lie Algebras on Amazon.com with FREE SHIPPING on qualified orders. This bar-code number lets you verify that you're getting exactly the right version or edition of a book. The 13-digit and 10-digit formats both work. Scan an ISBN with your phone Use the Amazon App to scan ISBNs and compare prices. MONOGRAPHS Volume 195 Infinite-Dimensional Lie Algebras Minoru Wakimoto Translated by Kenji Iohara in American Mathematical Society Providence, Rhode Island. Editorial Board Shoshichi Kobayashi (Chair) Masamichi Takesaki INFINITE-DIMENSIONAL LIE ALGEBRAS by Minoru Wakimoto Copyright © 1999 by Minoru Wakimoto Originally published in Japanese by Iwanami Shoten, Publishers, Tokyo, 1999 Translated from the Japanese by Kenji Iohara 2000 Mathematics Subject Classification. Primary 17B62, 17B65, 17B67, 17B69, 81R10, 81T05, 81T40. I hope this book will be an hors d'oeuvre to the great feast of infinite-dimensional Lie algebras. This book is not an encyclopedia.