

# Group Representations and Special Functions: Examples and Problems prepared by Aleksander Strasburger; Springer Netherlands, 1984; A. Wawrzynczyk; 1984; 704 pages; 9789027712691

An edition of Group Representations and Special Functions (1984). Group Representations and Special Functions. Examples and Problems prepared by Aleksander Strasburger (Mathematics and its Applications). 1 edition. by A. Wawrzynczyk. 0 Ratings. 0 Want to read. 0 Currently reading. 0 Have read. This edition was published in July 1, 1986 by Springer. Written in English. 704 pages. There is no other comparable book on group representations, neither in mathematical nor in physical literature, and we hope that it will prove to be useful in many areas of research. Many of the results appear, to our knowledge, for the first time in book form. 3. The Method of Harmonic Functions 4. The Method of Creation and Annihilation Operators . 5. Comments and Supplements . . . 6. Exercises . . . CHAPTER. 11. 2. Representations of Enveloping Algebras by Unbounded Operators 3. Analytic Vectors and Analytic Dominance . . . 4. Analytic Vectors for Unitary Representations of Lie Groups . . 5. Integrability of Representations of Lie Algebras . . . 22. Antoni Wawrzynczyk, Group representations and special functions, Mathematics and its Applications (East European Series), D. Reidel Publishing Co., Dordrecht; PWN Polish Scientific Publishers, Warsaw, 1984. Examples and problems prepared by Aleksander Strasburger; Translated from the Polish by Bogdan Ziemian. MR 750113. 23. Eugene P. Wigner, Group theory and its application to the quantum mechanics of atomic spectra, Expanded and improved ed. Group representations and special functions Examples and problems prepared by Aleksander Strasburger Translated from the Polish by Bogdan Ziemian Mathematics and its Applications (East European Series SE-751 06 Uppsala, Sweden E-mail address: thomas@math. Jan 1984. A Wawrzynczyk. A.Wawrzynczyk, Group representations and special functions. Examples and problems prepared by Aleksander Strasburger. Translated from the Polish by Bogdan Ziemian. Mathematics and its Applications (East European Series ). Mathematics and Its Applications (East European Series) Managing Editor: M. HAZEWINDEL Mathematical Centre, Amsterdam, The Netherlands Antoni Wawrzynczyk Department of Mathematical Methods in Physics, Faculty of Physics, University of Warsaw Group Representations and Special Functions Examples and Problems prepared by Aleksander Strasburger Department of Mathematical Methods in Physics, Faculty of Physics, University of Warsaw D.Reidel Publishing Company ? Group Algebra Representations and Group Representations 128 2.8. The Universal Enveloping Algebra of a Lie Group Algebra. The Differential of a Representation 130 CHAPTER 3. Decomposition Theory of Unitary Representations 141 3.1.