## LIST OF SCIENTIFIC PUBLICATIONS BY F. CALOGERO

## **Book Reviews**

- BR1) F. Calogero, review of "Group-Theoretical Methods for Integration of Nonlinear Dynamical Systems, by A.N. Leznov and M.V. Saveliev", Nuovo Cimento **109B**, 333-334 (1994).
- BR2) F. Calogero, "Book reviews: Masao Nagasawa, Schroedinger Equations and Diffusion Theory; David Wick (with a mathematical appendix by William Farris), The Infamous Boundary Seven Decades of Controversy in Quantum Physics; Luis de la Pena and Ana Maria Cetto, The Quantum Dice An Introduction to Stochastic Electrodynamics". J. Nonlinear Math. Phys. 7, R1-R4 (2000).
- BR3) F. Calogero, "Book reviews: Garth Baker and Alexandre Freire, editors, Nonlinear Partial Differential Equations in Geometry and Physics -- The 1995 Barrett Lectures; V. I. Arnold, I. M. Gelfand, M. Smirnov and V. S. Retakh, editors, Arnold-Gelfand Mathematical Seminars Geometry and Singularity Theory; Tiberiu Constantinescu, Schur Parameters, Factorization and Dilation Problems; Yuri Egorov and Vladimir Kondratiev, On Spectral Theory of Elliptic Operators; H. Dym, B. Fritzsche, V. Katsnelson and B. Kirstein, Topics in Interpolation Theory; Wolfgang Hackbusch, Integral Equations -- Theory and Numerical Treatment; Ram. P. Kanwal, Linear Integral Equations -- Theory & Technique. J. Nonlinear Math. Phys. 7, R38-R41 (2000).
- BR4) F. Calogero, "Book reviews: I. M. Gelfand, M. M. Kapranov and A. V. Zelevinsky, Discriminants, Resultants, and Multidimensional determinants; Victor Ya. Frenkel, Yakov Ilich Frenkel -- His work, life and letters; Richard H. Cushman and Larry M. Bates, Global Aspects of Classical Integrable Systems; Bert Fristedt and Lawrence Gray, A Modern Approach to Probability Theory. J. Nonlinear Math. Phys. 7, R42-R45 (2000).

## **Scientific papers**

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- 4) F. Calogero, "Non-Local Transformations and Non-Local Conservation Laws for Free Fields", Nuovo Cimento **20**, 297-315 (1961).
- 5) F. Calogero, "Covariant Spin Operators and Associated Conservation Laws for a Spinor Field", Nuovo Cimento **20**, 280-296 (1961).
- 6) F. Calogero, "Modified Lee Models and the Field-Theoretical Definition of Elementary Particle", Nuovo Cimento **24**, 614-656 (1962).
- 7) A. O. Barut and F. Calogero, "Singularities in Angular Momentum of the Scattering Amplitude for a Class of Soluble Potentials", Phys.Rev. 128, 1383-1393 (1962).
- 8) F. Calogero, "A Novel Approach to Elementary Scattering Theory", Nuovo Cimento **27**, 261-302 (1963).
- 9) F. Calogero, "A Variational Principle for Scattering Phase Shifts", Nuovo Cimento **27**, 947-951 (1963).
- 10) F. Calogero, "The Scattering of a Dirac Particle on a Central Scalar Potential", Nuovo Cimento **27**, 1007-1016 (1963).
- 11) F. Calogero, "Maximum and Minimum Principle in Potential Scattering", Nuovo Cimento **28**, 320-333 (1963).
- 12) F. Calogero, "Note on the Riccati Equation", J.Math.Phys.4, 427-430 (1963).

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