Alexandru Luca Mezincescu: PUBLICATIONS

Refereed Journals


45. S. Artz, L. Mezincescu, and R.I. Nepomechie, “Analytical Bethe Ansatz for \( A_{2n-1}^{(2)} \), \( B_n^{(1)} \), \( C_n^{(1)} \), \( D_n^{(1)} \) Quantum-Algebra-Invariant Open Spin Chains”, J. Phys. \( A28 \), 5131-5142 (1995).


57 T. Curtright, L. Mezincescu, and A. Veitia, “Quasi-hermitean Quantum Mechanics in Phase Space,” to appear on the net and to be submitted for publication.

58. P. Howe, E. Ivanov, L. Mezincescu, and P.K. Townsend “Classical and Quantum Supersphere” to be posted on the net and submitted for publication.

Books


Festschrifts, Conference Proceedings etc.


Invited Conference Talks


5. Unitarity and Antisymmetric Gauge Fields Workshop on Superstrings Maryland 1987


8. Quantum Groups and Quantum Spin Chains, invited talk at the Workshop on Quantum Groups (Argonne National Laboratory, Chicago), May 1990.


15. “Factorization Method and Supersymmetric Monopole Harmonics”, invited talk at Workshop on Quantum Gravity and Superstrings, Dubna, Russia, June 2000.


18. Graded Landau Problem, invited Talk at “Miami 2004 A topical conference on elementary particle physics and cosmology sponsored by the Department of Physics, and the College of Arts and Sciences, University of Miami Wednesday - Sunday, 15 - 19 December 2004, Coral Gables and Key Biscayne, Florida”.

Technical Seminars


5. “N=2 Supersymmetry and Finite Field Theoretical Models,” at University of Michigan, 1983.

6. “N=2 Supersymmetry and the Spontaneous Breakdown of Gauge Symmetry,” at University of Texas at Austin, 1983.


11. “Green-Schwarz Covariant Actions in External Backgrounds,” at University of Texas at Austin, Texas, 1985.


20. Various talks at the Professor Weinberg’s “Brown Bag Seminar”, at University of Texas at Austin, 1983-86.

21. Quantum Antisymmetric Gauge Theories, University of Michigan 1987


29. Path-Integral Calculation of Spinning String Propagator, University of Bonn, W. Germany, 1989.


31. Quantum Groups, informal talk at University of Florida, July 1990.

32. Quantum Groups and Quantum Spin Chains, Stanford Linear Accelerator Center, July 1990.

33. Quantum Groups and Quantum Spin Chains, University of California Berkeley, July 1990.

34. Quantum Groups and Quantum Spin Chains, W. Goethe Universiteth, Frankfurt, Germany, September 1990.

35. Quantum Groups and Quantum Spin Chains, University of Bonn, Germany, September 1990.

36. Quantum Groups and Quantum Spin Chains, The University of Texas at Austin, November 1990.


40. Integrable Spin Chains with Boundaries at Ohio State University, April 1994.
41. Integrable Field Theories with Boundaries and Constants of Motion, at University of Bonn, May 1995.
42. Integrable Field Theories on Half Line, at University of Milano, November 1995
43. Integrable Field Theories on Half Line, at University of Siegen, Germany, November 1995
44. Integrable Quantum Field Theory in 1+1 Dimensions with Boundary, at Clark Atlanta University, May 1996.
45. Odd Coset Quantum Mechanics, mini talk at Theory Group seminar at Stanford University, December 13, 2002.

Colloquia and Review Talks


13. “Covariant Superstrings” University of Southern California, 1985

