

R. DANDOLOFF

Publication list

Books, Reviews, Seminars:

1. "Mécanique analytique", Published by Publibook Université, Paris, 2005.

2. R. Balakrishnan, R. Dandoloff, V. Gerjikov, D. Pushkarov, A. Saxena - "Topical Issue on Geometry, Integrability and Nonlinearity in Condensed Matter" (Editorial) *Eur.Phys.J.* **B 29** (2002),155.

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3. " The Third Law of Thermodynamics and the low temperature properties of disordered solids." , R. Dandoloff and R. Zeyher, *J.Phys.(Paris)* , **42**, (1981), C4-205

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11. " Disclination in the S^3 blue phase. " , B. Pansu, E. Dubois-Violette and R. Dandoloff, *J.Phys.(Paris)*, **48**, (1987), 305.

12. " The blue phase : from S^3 to a double-twisted tube in R^3 . " , R. Dandoloff and R. Mosseri, *Europhys.Lett.* , **3**, (1987), 1193.

13. " Parallel transport along a space curve and related phases. " , R. Dandoloff and W. Zakrzewski, *J.of Phys. A :Math.Gen.* **22**, (1989), L461.

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24. "Violation of Self-Duality for Topological Solitons due to Soliton-Soliton Interaction on a Cylindrical Geometry", R. Dandoloff, S. Villain-Guillot, A. Saxena and A. Bishop, *Phys.Rev.Lett.*,**74**, (1995), 813.

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- 44.** " Quantum effective potential, electron transport and conformons in biopolymers", R. Dandoloff and Radha Balakrishnan, *J.Phys. A* **38** (2005), 6121. Selected paper by IOP.
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- 46.** " XY-model on planar and space curves ", R.Dandoloff and A.Saxena, *Phys.Lett. A* **358** (2006), 421 .
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- 1.** "Geometry of entangled states, Bloch spheres and Hopf fibrations", R.Mosseri and R. Dandoloff, *J.Phys A* **34**, (2001), 10243 .

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This article has been selected for the November 30, 2009 issue of Virtual Journal of Nanoscale Science and Technology. The Virtual Journal, which is published by the American Institute of Physics and the American Physical Society in cooperation with numerous other societies and publishers, is an edited compilation of links to articles from participating publishers, covering a focused area of frontier research. You can access the Virtual Journal at www.vjnano.org – thank you for your contribution.

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