

GRUPO DE FÍSICA-MATEMÁTICA DA UNIVERSIDADE DE LISBOA

PUBLICATIONS 2003-2006

BOOK (AUTHOR)

1. CHUNG, K.L.; ZAMBRINI, J.C. – Introduction to random time and quantum randomness. Monographs of the Portuguese Mathematical Society, 2nd edition, World Scientific Publishing Co., Inc., River Edge, NJ, 2003. xii+211 pp.

BOOKS (EDITOR)

1. CARVALHO, M.C.; RODRIGUES, J.F. - Recent advances in the theory and applications of mass transport. Papers from the Summer School on Mass Transportation Methods in Kinetic Theory and Hydrodynamics held in Ponta Delgada, Azores, Portugal, September 4-9, 2000. Contemporary Mathematics 353, American Mathematical Society, Providence, RI, 2004, viii+109 pp.
2. MANOJLOVIC, Nenad; KULISH, Petr P.; SAMTLEBEN, Henning - Infinite dimensional algebras and quantum integrable systems. Proceedings of the XIV International Congress on Mathematical Physics Satellite Workshop held at the University of Algarve, Faro, Portugal, July 21-25, 2003. Progress in Mathematics 237, Birkhäuser-Verlag, Basel, 2005, viii+263pp.
3. REBOLledo, R.; REZENDE, J.; ZAMBRINI, J.C. - Stochastic Analysis and Mathematical Physics (SAMP/ANESTOC 2002). Proceedings of the 5th International Workshop held in Santiago, Chile, January 5-11, 2002 and the Meeting on the Mathematical Legacy of R. P. Feynman held in Lisbon, Portugal, June 3-7, 2002. World Scientific Publishing Co., Inc., River Edge, NJ, 2004. viii+303 pp.
4. ZAMBRINI, J.C. – XIV International Congress on Mathematical Physics. Papers from the Congress (ICMP) held at the University of Lisbon, Lisbon, Portugal, July 28-August 2, 2003. World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ, 2005. xxiv+692 pp.

BOOKS (CHAPTER)

1. CANUTO, S.; COUTINHO, K.; COSTA CABRAL, B.J. - Hydrogen Bonding and the Energetics of Homolytic Dissociation in Solution: A Sequential Monte Carlo/Quantum Mechanics Approach. Fundamental World of Quantum Chemistry, E.J. Brändas, E.S. Kryachko (Eds.), Kluwer Academic Publishers, Vol. III (2004), 581-599.
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5. GUEDES, R.C.; LI, X.Y.; SANTOS, D.; ERIKSSON, L.A. – Theoretical studies of photodynamic drugs and phototoxic reactions, Royal Society of Chemistry, Special Volume, London, UK, 2005.

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1. CIPRIANO, Fernanda – A stochastic variational principle for Burgers equations and its symmetries. Stochastic Analysis and Mathematical Physics II (Proceedings of the 4th International ANESTOC Workshop in Santiago, Chile), R. Rebolledo (Eds.), Birkhäuser Verlag Basel / Switzerland (2003), 29-46.
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1. AGAPITO, Filipe; COSTA CABRAL, B.J.; MARTINHO SIMÕES, J.A. - Carbon-hydrogen bond dissociation enthalpies in ethers: a theoretical study, Journal of Molecular Structure: THEOCHEM 719 (2005), 109-114.
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