

P063 Study of an N particles system with permanent or induced dipole moment
Pedro Silva Correia (UESB - BA - Brasil), Augusto C. C. do Espírito Santo Pedreira, Cristina Porto Gonçalves, Luizdarcy de Matos Castro

P064 Equivalence Relations between two-dimensional algebras
Gildemar Carneiro dos Santos (Instituto de Física, Universidade Federal da Bahia), Emanuel Guimarães, Pedro do Nascimento Santos

EST - THERMOSTATISTICS & THERMODYNAMICS

Chair: Tarcísio M da Rocha

P065 Heat conduction in two-dimensional lattices under energy-conserving noises
Gabriel T. Landi (Universidade Federal do ABC), Mário J. de Oliveira

P066 Heat Transport Phenomena: Fourier Law and Thermal Rectification
Pedro Henrique Guimarães (IF - USP), Mário José de Oliveira, Gabriel T. Landi

P067 Invariant solutions of the Vlasov equation for one-dimensional models with long-range interactions
T.O.J. Zolacir (DCET - UESC), T.M. Rocha Filho

P068 Entropy production in linear Langevin systems
Gabriel T. Landi (Universidade Federal do ABC), Tânia Tomé, Mário J. de Oliveira

P069 Universality for nonequilibrium systems with C_{3v} symmetry
Oscar A. Bohorquez (IF-USP), Tânia Tome Martins de Castro

P070 Statistical Entropy of Open Quantum Systems
Lisan Durão (Universidade Estadual de Campinas, Instituto de Física "Gleb Wataghin"), Amir Caldeira

P071 Entropy of dimers chains placed on an one-dimensional lattice with q-states
Denise A. do Nascimento (Universidade Federal do Amazonas), Minos A. Neto, J. Ricardo de Sousa, Octavio R. Salmon

P072 Thermal entanglement of ising-XY diamond chain structure in an external magnetic field
J. Torrico (Universidade Federal de Lavras), M. Rojas, S. M. de Souza, O. Rojas

P073 Monte Carlo simulation for exchange bias
C. G. O. LEMOS (Physics Department - Federal University of Santa Catarina), M. Santos, W. Figueiredo

P074 Quantum Quench of the trap frequency in the harmonic Calogero model
Mohammad Ali Rajabpour (IFSC, USP), Spyros Sotiriadis

P075 Thermostatistics of small systems under coloured external energy reservoirs: Large Deviations of the heat
João Ribeiro Medeiros (CBPF), Sílvio M. Duarte Queirós

MAG - MAGNETIC OXIDES

Chair: Kleber Roberto Pirota

P076 Magnetization properties study of NiCr_2O_4 spinel oxide
Thiago T. Gurgel (Universidade Federal de Sergipe), N. O. Moreno, J. M. Soares

P077 Study of the doping in the structural and magnetic properties of the LaCrO_3 half-doped Al
R. Santos Silva Jr. (Universidade Federal de Sergipe), Petrucio Barrozo, J. Albino Aguiar

P078 Synthesis and characterization of the double perovskite series $\text{La}_{2-x}\text{Ca}_x\text{CoIrO}_6$
L. Coutrim (Universidade Federal de Goiás), L. Bufaiçal, E. M. Bittar, P. G. Pagliuso