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Nota di contenuto	High Temperature Relaxational Dynamics in Low-Dimensional Quantum Field Theories / S Sachdev -- Quantum Phase Transitions of Strongly Correlated Electron Systems / M Imada -- Ab Initio Molecular Dynamics, Iterative Methods and Multiscale Approaches in Electronic Structure Calculations / J Bernholc -- Electronic, Magnetic, and Lattice Properties in Colossal Magneto-Resistive (CMR) Materials / B I Min -- Neutral Fermions and the Physics of Half-Filled Landau Level / D-H Lee -- First-Principles Study of Dielectric Response Function, Dynamic Structure Factor, and Coulomb Pseudopotential in Lithium / K J Chang & Y-G Jin -- Domain Wall Tunneling in a One-Dimensional Ferromagnet / G-H Kim -- The Quantum Conductance of the Carbon Nanotube with a Local Defect / H J Choi & J Ihm -- Effects of Electron Correlation and Jahn-Teller Distortion in Doped Perovskite Manganites / Y Motome & M Imada -- Magnetic Phase Diagram of Double Exchange Systems: A Monte Carlo Study / H Yi [et al.] -- The Charge Ordering Transition and the Charge Gap Formation / Yu V Skrypnik & B I Min -- Umklapp Scattering in Transport Through a 1D Wire of Finite Length / V V Ponomarenko -- A Possibility of Hole Pairing in High-Tc Superconductors / S-H Suck Salk -- Study of d-Wave Hole Pairing and Supersymmetry Condition Based on the U(1) Slave Boson Theory of t-J Hamiltonian / S-S Lee & S-H Suck Salk -- Mean Field and Exact Diagonalization Studies on an SO(5) Symmetric Ladder / S-P Hong & S-

H Suck Salk -- Hole Pairing Correlations and the Phase Diagram of High-Tc Cuprates / T-H Gimm [et al.] -- Hypertranscendental Homotopy Theory / C H Chin -- The Beta Function of the Multichannel Kondo Model / K Fischer -- Gap Equation for a Marginal Fermi Liquid / Y Bang.
