

CONTENTS - *Continued*

PHYSICAL REVIEW A

THIRD SERIES, VOLUME 63, NUMBER 6

JUNE 2001

Investigation of the temperature dependence of the Casimir force between real metals (<i>18 pages</i>)	062108
G. L. Klimchitskaya and V. M. Mostepanenko	
Nonlocal effects of partial measurements and quantum erasure (<i>14 pages</i>)	062109
Avshalom C. Elitzur and Shahar Dolev	
Quantum Zeno and anti-Zeno effects in the Friedrichs model (<i>10 pages</i>)	062110
I. Antoniou, E. Karpov, G. Pronko, and E. Yarevsky	
Upper and lower bounds on maximal violation of local realism in a Hardy-type test using continuous variables (<i>4 pages</i>)	062111
Mark Hillery, Bernard Yurke, and David Stoler	
Bell inequalities for entangled kaons and their unitary time evolution (<i>11 pages</i>)	062112
Reinhold A. Bertlmann and Beatrix C. Hiesmayr	

Quantum information

Interferometric Bell-state preparation using femtosecond-pulse-pumped spontaneous parametric down-conversion (<i>11 pages</i>)	062301
Yoon-Ho Kim, Maria V. Chekhova, Sergei P. Kulik, Morton H. Rubin, and Yanhua Shih	
Classical wave-optics analogy of quantum-information processing (<i>8 pages</i>)	062302
Robert J. C. Spreeuw	
Simple algorithm for local conversion of pure states (<i>3 pages</i>)	062303
Jens G. Jensen and Rüdiger Schack	
Entangling ions in arrays of microscopic traps (<i>16 pages</i>)	062304
T. Calarco, J. I. Cirac, and P. Zoller	
Information-tradeoff relations for finite-strength quantum measurements (<i>15 pages</i>)	062305
Christopher A. Fuchs and Kurt Jacobs	
Information, disturbance, and Hamiltonian quantum feedback control (<i>13 pages</i>)	062306
Andrew C. Doherty, Kurt Jacobs, and Gerard Jungman	
Creating Bell states and decoherence effects in a quantum-dot system (<i>4 pages</i>)	062307
X. X. Yi, G. R. Jin, and D. L. Zhou	
Atomic-state teleportation by using a quantum switch (<i>7 pages</i>)	062308
Zhong-yang Wang, Xun-li Feng, Shang-qing Gong, and Zhi-zhan Xu	
Optimal creation of entanglement using a two-qubit gate (<i>8 pages</i>)	062309
B. Kraus and J. I. Cirac	

Atomic and molecular structure and dynamics

r - and p -space electron densities and related kinetic and exchange energies in terms of s states alone for the leading term in the $1/Z$ expansion for nonrelativistic closed-shell atomic ions (<i>9 pages</i>)	062501
I. A. Howard, N. H. March, and V. E. Van Doren	
Nuclear polarization in hydrogenlike heavy ions (<i>9 pages</i>)	062502
Nobuhiro Yamanaka, Akihiro Haga, Yataro Horikawa, and Atsushi Ichimura	

ARTICLES

dc Stark effect for doubly excited Feshbach resonance states of the positronium negative ion below the $N=2$ threshold of a positronium atom (<i>10 pages</i>)	062503
Y. K. Ho and I. A. Ivanov	
Vacuum-polarization corrections to the hyperfine splitting in heavy ions and to the nuclear magnetic moments (<i>10 pages</i>)	062504
A. N. Artemyev, V. M. Shabaev, G. Plunien, G. Soff, and V. A. Yerokhin	

(Continued)