Reviews of Modern Physics
Volume 87, Number 1, January–March 2015

Author guidelines

1 Compass models: Theory and physical motivations
Zohar Nussinov and Jeroen van den Brink

61 Dielectric microcavities: Model systems for wave chaos and non-Hermitian physics
Hui Cao and Jan Wiersig

113 *Colloquium*: 100 years of mass spectrometry: Perspectives and future trends
Simon Maher, Fred P. M. Jjunju, and Stephen Taylor

137 *Colloquium*: Majorana fermions in nuclear, particle, and solid-state physics
Steven R. Elliott and Marcel Franz

165 *Colloquium*: Time-reversal violation with quantum-entangled B mesons
J. Bernabéu and F. Martínez-Vidal

183 *Colloquium*: Random first order transition theory concepts in biology and physics
T. R. Kirkpatrick and D. Thirumalai

211 Baryon resonances in large N_c QCD
N. Matagne and Fl. Stancu

247 Plasma and trap-based techniques for science with positrons
J. R. Danielson, D. H. E. Dubin, R. G. Greaves, and C. M. Surko

Forthcoming articles

0034-6861(201501)87:1;1-B