

Appendix D

Related publications

- “Recombination of three atoms in the ultracold limit”, B. D. Esry, C. H. Greene, and J. P. Burke, Jr., (submitted to Phys. Rev. Lett.).
- “Determination of ^{39}K scattering lengths using photoassociation spectroscopy of the 0_g^- state”, J. P. Burke, Jr., C. H. Greene, J. L. Bohn, H. Wang, P. L. Gould, and W. C. Stwalley, (submitted to Phys. Rev. A).
- “Comparison of numerical methods for the calculation of cold atom collisions”, G. H. Rawitscher, B. D. Esry, E. Tiesinga, J. P. Burke, Jr., and I. Koltracht, (submitted to J. Chem. Phys.).
- “Observation of p -wave threshold law using evaporatively cooled Fermionic atoms”, B. DeMarco, J. L. Bohn, J. P. Burke, Jr., M. Holland, and D. S. Jin, Phys. Rev. Lett. **82**, 4208 (1999).
- “Ultracold scattering properties of the short-lived Rb isotopes”, J. P. Burke, Jr. and J. L. Bohn, Phys. Rev. A **59**, 1303 (1999).
- “Collisional properties of ultracold potassium: consequences for degenerate Bose and Fermi gases”, J. L. Bohn, J. P. Burke, Jr., C. H. Greene, H. Wang, P. L. Gould, and W. C. Stwalley, Phys. Rev. A **59**, 3660 (1999).
- “Resonant magnetic field control of elastic scattering in cold ^{85}Rb ”, J. L. Roberts, N. R. Claussen, J. P. Burke, Jr., C. H. Greene, E. A. Cornell, and C. E. Wieman, Phys. Rev. Lett. **81**, 5109 (1998).
- “Multichannel cold collisions: simple dependences on energy and magnetic field”, J. P. Burke, Jr., C. H. Greene, and J. L. Bohn, Phys. Rev. Lett. **81**, 3355 (1998).
- “Prospects for mixed-isotope Bose-Einstein condensates in rubidium”, J. P. Burke, Jr., J. L. Bohn, B. D. Esry, and C. H. Greene, Phys. Rev. Lett. **80** 2097 (1998).
- “Hartree-Fock approximation for double condensates”, B.D. Esry, C.H. Greene, J.P. Burke, Jr., and J.L. Bohn, Phys. Rev. Lett. **78**, 3594 (1997).
- “Impact of the ^{87}Rb singlet scattering length on suppressing inelastic collisions”, J.P. Burke, Jr., J.L. Bohn, B.D. Esry, and C.H. Greene, Phys. Rev. A **55**, R2511 (1997).