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**Current Status of Atomic Spectroscopy Databases at NIST**  
ALEXANDER KRAMIDA, YURI RALCHENKO, JOSEPH READER, National Institute of Standards and Technology — NIST's Atomic Spectroscopy Data Center maintains several online databases on atomic spectroscopy. These databases can be accessed via the <http://physics.nist.gov/PhysRefData> web page. Our main database, Atomic Spectra Database (ASD) has recently been upgraded to v. 4.0.1. It is now fully integrated with the NIST Atomic Spectra Bibliography Databases. ASD now contains critically evaluated data for about 170,000 spectral lines and 86,000 energy levels of almost all elements in the periodic table. We continue maintaining and regularly updating our bibliography databases, ensuring comprehensive coverage of current literature on atomic spectra, including energy levels, spectral lines, transition probabilities, hyperfine structure, isotope shifts, Zeeman and Stark effects. We continue maintaining other popular databases such as the Handbook of Basic Atomic Spectroscopy Data, searchable atlases of spectra of Pt-Ne and Th-Ne lamps, and non-LTE plasma-kinetics code comparisons.

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