

Optical Spectroscopic ATLAS of the MOJAVE/2cm AGN Sample (1)

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We present an optical spectroscopic atlas at intermediate resolution (8-15Å) for 123 core-dominated radio-loud active galactic nuclei with relativistic jets, drawn from the MOJAVE/2cm sample at 15GHz. It is the first time that spectroscopic and photometric parameters for a large sample of such type of AGN are presented. The atlas includes spectral parameters for the emission lines H β , [O III] 5007, Mg II 2798 and/or C IV 1549 and corresponding data for the continuum, as well as the luminosities and equivalent widths of the Fe II UV/optical. It also contains the homogeneous photometric information in the B-band for 242 sources of the sample, with a distribution peak at $B_J=18.0$ and a magnitude interval of $11.1 < B_J < 23.7$.

Comments: 50 pages, 17 figures, 11 tables, last version accepted for its publication in RevMexAA, sept 2011 (v2); (1) These data were acquired at Observatorio Astronómico Nacional in San Pedro Mártir (OAN--SPM), México and at Observatorio Astronómico Guillermo Haro, in Cananea, Sonora (OAGH)

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