

Spectroscopic observations of Meteors with video cameras and diffraction grating

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From December 2017 to January 2018, we conducted a spectroscopic observation of meteors by using a diffraction grating attached to a camera. We collected data of Geminids, Quadrantids and Sporadic meteor and identified each line spectrum. Then, we compared data of the identified molecules and atoms with the parent bodies.

Keywords: meteors, spectroscopic observation, diffraction grating

