

Spectroscopic observations of Geminids with video cameras and diffraction grating

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From December 2018 to January 2019, we conducted a spectroscopic observation of meteors by using a diffraction grating attached to a camera. We collected data of Geminids meteors and identified each line spectrum. Then, we compared data of the identified molecules and atoms with the parent bodies. In addition, we analysed how the height of the meteor effected the value of each spectrum.

Keywords: meteors, spectrum

