
PPS003-P05

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Variation of Surface Textures around Tycho Crater on High Resolution Images

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By high resolution observations of a lunar explorer "SELENE", It is shown that there are various, fine geographical features on the lunar surface. The purpose of my research is to survey typical textures around Tycho crater on high resolution images and recognize characteristic texture features. The method are calculating the statistics and using Fourier transform. Based on the knowledge in this research, I'm going to try to establish an automatic classification method.