

## New fits material for understanding the revolution of the Moon around the Earth

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It is well known that the moon is a sphere, and the moon revolve around the Earth. However there are few materials to understand the fact. Therefore we are developing teaching materials for understanding the revolution of the moon around the Earth by the measurement of the waxing and waning of the moon using Makali'i. Makali'i is the software which can analyze the FITS image (data) obtained by the research observation. This teaching material is one of the PAOFITS teaching materials, at the same time, this is the teaching material which introducing the Do-it-yourself material by Makali'i using Detail Camera et al., which treat not the FITS image data but the JPEG et al.