

Observation of the Lunar EUV Albedo by Extreme Ultraviolet Scanner onboard NOZOMI

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We have developed Extreme Ultraviolet scanner(XUV) onboard the Mars orbiter NOZOMI, which is aimed at the detection of the resonantly scattering by helium gas and ion in the Martian atmosphere. The detector has possibly changed the performance compared with that when we calibrated before the pre-launch experiment, so we try to observe the Lunar EUV albedo for on-board calibration. When NOZOMI have approached the Moon for the second swing-by on December 18, 1998, we succeeded the imaging of the EUV spectrum of the lunar tail side.