Regolith Thickness of the Lunar Nearside: Preliminary Results from Earth-based 70 cm Radar Observations Wenzhe Fa and Mark A. Wieczorek

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- probing experiments [1, 2].
- and Kaguya lunar radar sounder [6].



lunar surface roughness (b) effects of size and abundance of buried rocks.



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Here we use the newly acquired Earth-based Arecibo radar data [8], depending on the composition of the regolith, the spatial resolution is

Figure 4. 70 cm opposite sense radar data [8], the red stars are places where the composition and the regolith thickness are known.