

Microphysical Properties of Regolith and Obtaining Information through Modeling

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Abstract

Calculating the scattered electromagnetic waves in order to obtain information from complicated, heterogeneous structures is fraught with difficulties. Not only is the system generally unknown, but exact methods are unwieldy, necessitating oftentimes gross approximations. In this talk, I will discuss some of the current methods that show that perhaps things are not quite as desperate as they appear.