

Asteroid Compositions: Some Input from Polarimetry

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Although it cannot provide direct information on the mineralogical composition of an asteroid surface, polarimetry is a very useful tool to get an improved understanding of parameters which are intimately related to surface composition and regolith structure. In recent times there has been a revival in the field of asteroid polarimetry, due to the activity of some teams who are engaged in extensive observational campaigns. Some new discoveries have been done, including one object exhibiting unprecedented polarimetric properties. The above subjects are briefly reviewed.