

# Review of: "Lunar Rover Grand Prix Sequence in Apollo XVI Footage: Behavior of Lunar Dust and Known Dimensions of Involved Objects"

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Potential competing interests: No potential competing interests to declare.

This manuscript develops and integrates the previous studies in order to introduce a robust analytical method to trace and analyze the movement of dust shot during the Apollo XVI mission on the lunar surface. By employing both 2D and 3D analysis techniques, the authors provide a detailed comparison of the observed kinematic events against theoretical models. This is good work to study the movement of dust shot on the lunar surface.

Here, I have two questions.

1. In this paper, the view angles of the pictures are not provided.
2. The images taken by the camera are used in the paper. In the image of such kind, there exists a serious geometric error. How should the problem be considered when calculating the length of the shadows or the height of the targets?