Review of: "Analytical Methods for Tracking Bodies Motions on the Lunar Surface in Apollo XVI Footage"

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Potential competing interests: No potential competing interests to declare.

Great job!

The work was completed to a high standard. The publication has well-described materials and methods. The description of the results is clear.

"The second question that still remains open regards the consistency of results. At the end of the paper, we read: “The fact that our measurements show no deceleration in the X-direction (see the right panel of images 3 and 4) confirms that the footage was recorded in an airless environment”." – Here I want to add that the dust on the surface of the Moon has an electrical charge (the charge is formed due to ionizing radiation from cosmic rays and radiation from the sun). For this reason, dust must move in an electrostatic field and experience deceleration.