

Peer Review

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

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This review offers an impressive and accurate analysis of the recordings of the motion of bodies (mainly dust) on the Moon's surface during the Apollo XVI mission.

The paper starts by analysing the measurements reported in a classical article by Hsu and Horányi published in the American Journal of Physics. As convincingly shown, one has to take into consideration all causes of distortion, given by geometric and lens causes, image format conversions, etc.

The paper therefore offers a valuable example of a careful procedure for data retrieval from old images, also offering examples of the usage of different software. It therefore provides an example of investigation to be taught in high schools and universities, in order to point out the possible origins of errors and misinterpretation and how a rigorous research of sources has to be carried out.

The only drawback is the lack of a global conclusion section that would provide a "take-home" message.

Declarations

Potential competing interests: No potential competing interests to declare.