

## Evaluation of the horizontal shortening in the shallow part of the lunar crust

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The topography of tectonic features in northwestern Imbrium and Sinus Iridum were studied in detail using SELENE-LISM data to estimate the horizontal shortening achieved by the formation of the features. As a result, it was found that the shortening by the formation of mare ridges was smaller than previous estimations by two orders of magnitudes except for a ridge, along which shortening was as large as ~500 m at maximum.

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