

Using seismology to determine solar metallicity

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Discrepancies between recent solar photospheric abundance revisions and seismological inferences highlight the need for a direct seismological determination of solar abundances. Here I describe the technique used to measure abundances with seismology, examine our ability to use this method to detect differences between solar models, discuss its application in the Sun, and suggest key laboratory measurements that would improve the accuracy of this approach for examining solar and stellar interiors.