

# Accepted Manuscript

Automatic endmember bundle unmixing methodology for lunar regional area mineral mapping

Jihao Yin, Chenyu Huang, Xiaoyan Luo, Qian Du

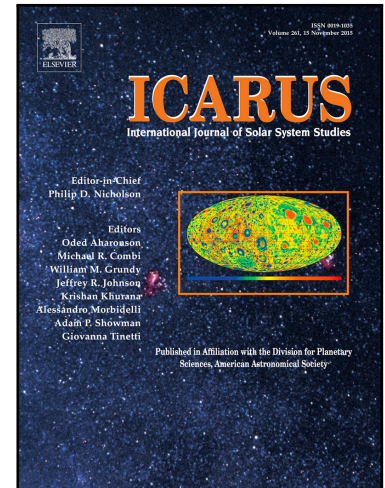
PII: S0019-1035(17)30847-3  
DOI: <https://doi.org/10.1016/j.icarus.2018.09.005>  
Reference: YICAR 13011

To appear in: *Icarus*

Received date: 22 December 2017  
Revised date: 5 September 2018  
Accepted date: 5 September 2018

Please cite this article as: Jihao Yin, Chenyu Huang, Xiaoyan Luo, Qian Du, Automatic endmember bundle unmixing methodology for lunar regional area mineral mapping, *Icarus* (2018), doi: <https://doi.org/10.1016/j.icarus.2018.09.005>

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**Highlights**

- We propose a spectral bundle unmixing model to solve spectral variability problem.
- Achieving automatically unmixing without priori information.
- Using synthetic data simulated by lunar craters to validate the performance of model.
- Mapping the regional distributions on lunar surface by ChangE-1 IIM data and Chandrayaan-1 M3 data, and unmixing the Cuprite data to show more application of AEBU.

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