

Manginelli, M. S., Mehta, M., & Thomas, O. H. (2021). Flight Reconstruction of Plume-Induced Site Alteration from InSight. *Journal of Spacecraft and Rockets*, 58(3), 879-893.

Thompson, R. J., Danehy, P. M., Munk, M. M., Mehta, M., Manginelli, M. S., Nguyen, C., & Thomas, O. H. (2021). Stereo Camera Simulation for Lunar Surface Photogrammetry. In *AIAA Scitech 2021 Forum* (p. 0358).

Thomas, O., Stallings, C., & Wilkinson, B. (2019). Unmanned aerial vehicles can accurately, reliably, and economically compete with terrestrial mapping methods. *Journal of Unmanned Vehicle Systems*, 8(1), 57-74.

Thomas, O. (2018). Unmanned Aerial Systems for High Accuracy Mapping. University of Florida, Gainesville, Florida.

Mehta, M., Manginelli, M., Liever, P. A., Gale, M., Westra, D., & Thomas, O. (2019, July). Simulation of insight plume induced surface cratering and validation through imagery based 3D topology reconstruction. In *International Planetary Probe Workshop (IPPW)* (No. M19-7465).

Thomas, O. H., Smith, C. E., & Wilkinson, B. E. (2017). Economics of mapping using small manned and unmanned aerial vehicles. *Photogrammetric Engineering & Remote Sensing*, 83(8), 581-591.

Edmundson, K. L., Anderson, J. A., Archinal, B. A., Becker, T. L., Nefian, A. V., Robinson, M. S., & Thomas, O. H. (2015, March). Photogrammetric Control and Mosaicking of Apollo 15 Panoramic Camera Images. In *Lunar and Planetary Science Conference* (No. 1832, p. 1350).

Thomas, O. H., & Oshel, E. R. (2012). Geometric Derivations Of Minimal Sets Of Sufficient Multiview Constraints. *The Photogrammetric Record*, 27(137), 74-93.

Edmundson, K. L., Cook, D. A., Thomas, O. H., Archinal, B. A., & Kirk, R. L. (2012). Jigsaw: The ISIS3 Bundle Adjustment for Extraterrestrial Photogrammetry. In *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences* (Volume I-4, p 203).

Thomas, O. H. (2009). *Multiview constraint theory for points with application to bundle adjustment and camera calibration*. California State University, Fresno.

Thomas, O., & Oshel, E. R. (2008). Alternative formulation of multilinear constraints with geometric interpretation. In *ASPRS 2008 Annual Conference, Portland, OR, American Society of Photogrammetry and Remote Sensing*.