

Journal Articles and Notes

1. G.M. Brown, D.B. Henry, L.T. Peterson, and **D.J. Scheeres**. “Structure of Periodic Orbit Families in the Hill Restricted 4-Body Problem,” *SIAM Journal on Applied Dynamical Systems* in press 10/2024.
2. L.T. Peterson and **D.J. Scheeres**. 2024. “Gauss Equations for Local Action-Angle Orbital Elements in Cislunar Space,” *Journal of Guidance, Control and Dynamics* 47(11): 2273-2286.
3. R. Natherson and **D.J. Scheeres**. “Reachable Set Computation with Terminal Velocity Constraints,” *Journal of Guidance, Control and Dynamics* in press 7/2024.
4. **Scheeres, D.J.** “Derivation and Properties of the Angular Momentum Relative Amended Potential.” *Proceedings of the International Astronomical Union* 2022;18(S382):41-50. doi:10.1017/S1743921323004088
5. J. Greaves and **D.J. Scheeres**. 2024. “Spacecraft to Spacecraft Absolute Tracking for Autonomous Navigation of a Distributed Space System from Relative Sensors,” *Journal of the Astronautical Sciences* 71:46. <https://doi.org/10.1007/s40295-024-00463-6>
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10. Anivid Pedros-Faura, Mirko Trisolini, Yuichi Tsuda, **Daniel J. Scheeres**, Shota Kikuchi, and Jay W. McMahan. “Target Marker Deployment Strategies for Hayabusa2 Extended Mission to Fast Rotator 1998 KY26,” *Astrodynamic*s, in press 6/2024.

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12. A.J. Meyer and **D.J. Scheeres**. 2024. “Apsidal Precession in Binary Asteroids,” *Astronomy & Astrophysics* 688, A119.
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