







































- [9] Roya Afshar and Shuai Lu. Classification and recognition of space debris and its pose estimation based on deep learning of cnns. In *HCI International 2020 – Posters*, volume 1224 of *Communications in Computer and Information Science*, pages 605–613, 2020.
- [10] G. P. Badura, C. R. Valenta, and B. C. Gunter. Convolutional neural networks for inference of space object attitude status. In *Advanced Maui Optical and Space Surveillance Technologies Conference (AMOS) 2020*, Maui, HI, September 2020.
- [11] C. Paulete, D. Cano, J. Siminski, C. Pérez, D. Escobar, and J. Tirado. AIMLRCS: A Machine Learning Approach to Spacecraft Attitude and Object Identification Based on RCS from the S3TSR. In *Proceedings of the 8th European Conference on Space Debris*, page 167, Darmstadt, Germany, 2021.
- [12] R. Qashoa and R. Lee. Classification of low earth orbit (leo) resident space objects’ (rso) light curves using a support vector machine (svm) and long short-term memory (lstm). *Sensors*, 23(14):6539, 2023.
- [13] D. Schwab, P. Singla, and S. O’Rourke. Angles-only initial orbit determination via multivariate gaussian process regression. *Electronics*, 11(4):588, 2022.
- [14] Alexander Cabello, Jeff Houchard, Cameron Harris, Zach Gazak, Jonathan Kadan, and Justin Fletcher. Learned initial orbit determination from simulated electro-optical observations. In *Advanced Maui Optical and Space Surveillance Technologies Conference (AMOS) 2024*, Maui, HI, 2024. Poster presentation.
- [15] David A. Vallado. Evaluating gooding’s angles-only orbit determination for space-based sensors. Technical report, Analytical Graphics, Inc.
- [16] Yewen Yin, Zhenwei Li, Chengzhi Liu, Zhe Kang, Jiannan Sun, and Long Chen. Improved initial orbit determination based on the gooding method of low earth orbit space debris using space-based observations. *Remote Sensing*, 15(21):5217, 2023.
- [17] S. Karpov et al. Massive photometry of low-altitude artificial satellites on mini-mega-tortora. In *Revista Mexicana de Astronomía y Astrofísica (Serie de Conferencias)*, volume 48, pages 112–113, 2016.
- [18] G. Beskin et al. Wide-field optical monitoring with mini-megatortora (mmt-9) multichannel high temporal resolution telescope. *Astrophysical Bulletin*, 72(1):81–92, 2017.
- [19] D. A. Vallado and P. Crawford. SGP4 orbit determination. In *AIAA/AAS Astrodynamics Specialist Conference and Exhibit*, Honolulu, HI, 2008.
- [20] Howard D. Curtis. *Orbital Mechanics for Engineering Students*. Butterworth-Heinemann (Elsevier), Burlington, MA, USA, 3rd edition, 2013.