Malcolm D. Shuster
Topical List of Publications in Astronautics

Attitude Representations


This list includes: the author’s independent publications and preprints in Astronautics according to topic. Errata and later editions are listed with the original publication. Author lists are as they were in the publication. The presenter of a conference article, if not the first author, is indicated by an asterisk. Items are arranged chronologically within categories. Articles may appear in more than one category.

4 October 2008
Attitude Kinematics


Pubp–022  “A Tutorial on Attitude Kinematics,” Malcolm D. Shuster, \( \approx 29 \) pp. (not yet submitted, please cite as “in preparation.”)

General Attitude Estimation


**QUEST**


"Filter QUEST or REQUEST," M. D. Shuster, to appear in the *Journal of Guidance, Control and Dynamics*.


**TRIAD**


Spin-Axis Attitude Estimation


Kalman Filter


Alignment Estimation


Sensor Accuracy Estimation


Magnetometer Calibration


Attitude Dynamics and Control


Non-Technical

