**IMPORTANT:**

**Magnetic Attitude Control for Satellites in Polar or Sun-Synchronous Orbits:**

[**https://sci-hub.ru/https://doi.org/10.2514/1.G000751**](https://sci-hub.ru/https://doi.org/10.2514/1.G000751)

**Modern Spacecraft Guidance, Navigation, and Control : From System Modeling to AI and Innovative Applications:**

[**https://ebookcentral.proquest.com/lib/polimi/reader.action?docID=7136987**](https://ebookcentral.proquest.com/lib/polimi/reader.action?docID=7136987)

Silani e lovera: <https://www.sciencedirect.com/science/article/pii/S0967066103002922>

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Lovera,Schiavo: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4177876>

Invernizzi: <https://www.sciencedirect.com/science/article/pii/S0005109819306429>

Bernelli: <https://core.ac.uk/download/pdf/288002522.pdf>

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1) <https://www.researchgate.net/publication/338404542_A_Magnetometer-Only_Attitude_Determination_Strategy_for_Small_Satellites_Design_of_the_Algorithm_and_Hardware-in-the-Loop_Testing>

Determination with only Magnetometer and GeoMagnetic field data with second-order low-pass Butterworth filter. **Carletta**.

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Magnetometer-only attitude and angular velocity filtering estimation for attitude changing spacecraft.

Improved real-time sequential filter (IRTSF)

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Robust Attitude Estimation Using Magnetic and Inertial Sensors

7) <https://link.springer.com/article/10.1007/s42401-023-00221-w?utm_source=getftr&utm_medium=getftr&utm_campaign=getftr_pilot&getft_integrator=scopus>

**Three-axis high-accuracy spacecraft attitude estimation via sequential extended Kalman filtering of single-axis magnetometer measurements**

8) <https://link.springer.com/article/10.1007/s40430-023-04039-7?utm_source=getftr&utm_medium=getftr&utm_campaign=getftr_pilot&getft_integrator=scopus>

**CubeSat attitude determination with decomposed Kalman filters**

9)<https://xplorestaging.ieee.org/ielx7/6287639/10005208/10295487.pdf?arnumber=10295487&utm_source=scopus&getft_integrator=scopus>

**Quaternion-Based Attitude Estimation Kalman Filter Using Global Optimization**

10)<https://scholarsmine.mst.edu/cgi/viewcontent.cgi?article=7891&context=masters_theses>

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17) <https://www.sciencedirect.com/science/article/pii/S0273117722009917>

CubeSats detumbling using only embedded asymmetric magnetorquers

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Spin-axis pointing of a magnetically actuated spacecraft

19) <https://ieeexplore.ieee.org/document/4014448>

**Global magnetic attitude control of spacecraft in the presence of gravity gradient**

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Attitude stabilization of a satellite by magnetic coils

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25)<https://ntrs.nasa.gov/api/citations/19980228274/downloads/19980228274.pdf>

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Spacecraft attitude control using magnetic actuators