

Notice of dissertation defense

16.06.2017

Space systems and the challenges in their design and development

Title	Attitude estimation of a small spinning satellite using Kalman filter approaches
Content	The main objective of this thesis is to study more practical solutions for the attitude estimation algorithms of a fast spinning cubesat using Kalman filter approaches. The aim also encompasses the utilisation of a single algorithm for both the 3-axis and spin-stabilised attitude modes while also considering the computational load.
Field of research	Space science and technology
Doctoral candidate	Osama Khurshid, M. Sc Born in Pakistan, 1986
Date and time	26.06.2017 at 12:00
Place	Aalto University School of Electrical Engineering, hall AS1, Maarintie 8, Espoo.
Opponent	Professor Chingiz Hajiyev, Faculty of Aeronautics and Astronautics, Istanbul Technical University, Turkey.
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