



EXAMENSBEVIS / *DEGREE CERTIFICATE*

**Pedro Miguel Otao Pereira**

PERSONNUMMER / *STUDENT IDENTIFICATION NUMBER*

900206-6919

HAR AVLAGT / *HAS BEEN AWARDED THE*

**Teknologie licentiatexamen**

inom ämnet elektro- och systemteknik

*Degree of Licentiate of Engineering*

*in the subject area of Electrical Engineering*

Avhandlingens titel/*Title of thesis*

Control of Single and Multiple Thrust Propelled Systems  
With Applications to Attitude Synchronization

UTFÄRDAT / *ISSUED*

15 december 2016 / *15 December 2016*

av rektor vid Kungliga Tekniska högskolan, KTH  
*by the President of KTH Royal Institute of Technology, Sweden*

Sigbritt Karlsson



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har i enlighet med bestämmelserna i högskoleförordningen (1993:100) om utbildning på forskarnivå avlagt teknologie licentiatexamen. I utbildningen ingår utöver kurser att författa en vetenskaplig uppsats.

*has, in accordance with the Swedish Higher Education Ordinance (1993:100) concerning third cycle studies been awarded the Degree of Licentiate of Engineering, having passed the examinations included in the educational programme and submitted a scientific thesis.*

Fordringarna för teknologie licentiatexamen är därmed uppfyllda den 25 november 2016.  
*Requirements for granting the Degree of Licentiate of Engineering have therefore been fulfilled on 25 November 2016.*

KURS COURSE	HP CREDITS	DATUM DATE (Y-M-D)
The Theory and Methodology of Science - Minor Course	3.0	2014-10-29
Optimal Filtering	10.0	2014-11-30
Convex Optimization with Engineering Applications	6.0	2014-12-12
Basic Communication and Teaching	3.0	2014-12-19
Information Processing over Graphs	4.0	2015-03-19
Introduction to Scientific Writing	2.0	2015-03-27
Mathematical Methods in Signals, Systems and Control	8.0	2015-05-18
Graduate Course on Hybrid Systems	7.5	2015-05-25
The Sustainable Scientist	2.0	2015-06-18
Matrix Algebra	10.0	2016-07-06
<b>Transferred postgraduate courses</b>		
Switched systems and control from Supélec, École Supérieur d'Electricité, France	3.0	2015-06-08

Stockholm, Sweden

15 december 2016/15 December 2016

Monica Askew

KTH, Examen / Degree Office

För verifiering av detta examensbevis, kontakta examensgruppen på [examen@kth.se](mailto:examen@kth.se)  
*For a verification of this Degree Certificate contact the Degree Office at [degreeoffice@kth.se](mailto:degreeoffice@kth.se)*