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Advising Theses

BALKAN R. T., PLATİN B. E., Platform motion disturbances decoupling by means of inertial sensors for a motion stabilized gimbal, Postgraduate, D.MUTLU(Student), 2015

PLATİN B. E., BALKAN R. T., Design, construction and control of an electrohydraulic load simulator for testing hydraulic drives, Postgraduate, H.Ulaş(Student), 2014

BALKAN R. T., PLATİN B. E., Design, Construction and Control of an Electro-Hydraulic Load Simulator for Testing Hydraulic Drives, Postgraduate, H.ULAŞ(Student), 2014

BALKAN R. T., PLATİN B. E., Minimum order linear system identification and parameter estimation with application, Postgraduate, O.CEM(Student), 2014

BALKAN R. T., PLATİN B. E., Friction identification and compensation of its effects in stabilized platforms, Postgraduate, E.Sincar(Student), 2013

BALKAN R. T., PLATİN B. E., $H_2/H\infty$ mixed robust controller synthesis for a fin actuation system, Postgraduate, T.Uğurlu(Student), 2013

PLATİN B. E., Aerodynamic parameter estimation using flight test data, Doctorate, Ü.KUTLUAY(Student), 2011

PLATİN B. E., Optimal external configuration design of missiles, Postgraduate, Ç.TANIL(Student), 2009

PLATİN B. E., A real time test setup design and realization for performance verification of controller designs for unmanned air vehichles, Postgraduate, F.Küreksiz(Student), 2008

BALKAN R. T., PLATİN B. E., A real time test setup design and realization for performance verification of controller designs for unmanned air vehicles, Postgraduate, F.KÜREKSİZ(Student), 2008

PLATİN B. E., Aeroelastic stability prediction using flutter flight test data, Doctorate, E.NURİ(Student), 2007

PLATİN B. E., Aeroservoelastic analysis and robust controller synthesis for flutter suppression of air vehicle control actuation systems, Doctorate, A.AKMEŞE(Student), 2006

BALKAN R. T., PLATİN B. E., Desing, construction and preliminary testing of an aeroservoelastic test apparatus to be used in Ankara wind tunnel, Postgraduate, S.UTKU(Student), 2005

PLATİN B. E., Performance improvement of a 3d reconstruction algorithm using single camera images, Postgraduate, V.Kılıç(Student), 2005

BALKAN R. T., PLATİN B. E., Conceptual design of a model support system and its controller for Ankara wind tunnel, Postgraduate, N.ULUSAL(Student), 2005

PLATİN B. E., Image based flight data reconstruction using aeroballistic range yaw cards, Postgraduate, K.Karail(Student), 2005

BALKAN R. T., PLATİN B. E., Modeling and control of a stabilization system, Postgraduate, K.AFACAN(Student), 2004

PLATİN B. E., Modeling of a generic laser guided weapon with velocity pursuit guidance and its performance analysis using various control strategies, Postgraduate, D.Rauf(Student), 2004

PLATİN B. E., Performance improvement of a 3-D configuration reconstruction algorithm for an object using a single camera image, Postgraduate, S.Özkılıç(Student), 2003

PLATİN B. E., Aerodynamic parameter estimation using aeroballistic data, Doctorate, G.Mahmutyazıcıoğlu(Student), 2000

PLATİN B. E., Modelling and analysis of the feeddrive system of a CNC lathe driven by a DC motor, Postgraduate, M.MEHRABI(Student), 1988

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A Complete Analysis and a Novel Solution for Instability in Pump Controlled Asymmetric Actuators**
ÇALIŞKAN H., BALKAN R. T., PLATİN B. E.
JOURNAL OF DYNAMIC SYSTEMS MEASUREMENT AND CONTROL-TRANSACTIONS OF THE ASME, vol.137, no.9, 2015 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Application of Multivariate Adaptive Regression Splines to Sheet Metal Bending Process for Springback Compensation**
Dilan R. A., Balkan T., PLATİN B. E.
12th International Conference on Numerical Methods in Industrial Forming Processes (NUMIFORM), Troyes, France, 4 - 07 July 2016, vol.80

II. **Compensation of Friction Effects in Gyro-Stabilized Motion Platforms**
Sincar E., BALKAN R. T., PLATİN B. E.
American Control Conference, Illinois, United States Of America, 1 - 03 July 2015, pp.3242-3248

III. **Application of Beacon Navigation and Angle-Only Artillery Surveying Methods for INS Aiding on Aerial Platforms in GNSS Denied Environments**
Guner D. R. L., ÖZGÖREN M. K., PLATİN B. E.
ION Pacific PNT Meeting, Hawaii, United States Of America, 23 - 25 April 2013, pp.858-868

IV. **A CONTROL SYSTEM FOR HYDRAULIC SINGLE AXIS DURABILITY TEST RIG**
ÇALIŞKAN H., BALKAN R. T., PLATİN B. E., KONUKSEVEN E. İ.
5th Annual Dynamic Systems and Control Division Conference / 11th JSME Motion and Vibration Conference, Florida, United States Of America, 17 - 19 October 2012, pp.723-732

V. **HYDRAULIC POSITION CONTROL SYSTEM WITH VARIABLE SPEED PUMP**
ÇALIŞKAN H., BALKAN R. T., PLATİN B. E.
2nd Annual Dynamic Systems and Control Conference (DSCC 2009)/Bath/ASME Symposium on Fluid Power and Motion Control, California, United States Of America, 12 - 14 October 2009, pp.275-282

VI. **Determination of the position and orientation of rigid bodies by using single camera images**
Kilic V., PLATİN B. E.
World Congress on Engineering 2007, London, Canada, 2 - 04 July 2007, pp.668-669

Metrics

Publication: 7
Citation (WoS): 31
Citation (Scopus): 52
H-Index (WoS): 2
H-Index (Scopus): 2

Non Academic Experience

Roketsan Roket Sanayi ve Ticaret A.Ş.
The Scientific and Technical Research Council of Turkey