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### Advising Theses

- PLATİN B. E. , BALKAN R. T. , 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
- PLATİN B. E. , BALKAN R. T. , Design, Construction and Control of an Electro-Hydraulic Load Simulator for Testing Hydraulic Drives, Postgraduate, H.ULAŞ(Student), 2014
- PLATİN B. E. , BALKAN R. T. , 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 vehicles, Postgraduate, F.Küreksiz(Student), 2008
- PLATİN B. E. , BALKAN R. T. , 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
- PLATİN B. E. , BALKAN R. T. , Design, 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
- PLATİN B. E. , BALKAN R. T. , 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
- PLATİN B. E. , BALKAN R. T. , 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

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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 (Journal Indexed in SCI)

## 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

## Citations

Total Citations (WOS):28

h-index (WOS):2