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### Kişisel Bilgiler

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### Yabancı Diller

İngilizce, C1 İleri

### Yönetilen Tezler

- SOYLU R., Dynamic analysis, design and practical applications of an overconstrained mechanical force generator, Yüksek Lisans, U.ERDİNÇ(Öğrenci), 2017
- SOYLU R., Theoretical and experimental dynamic performance optimization of planar mechanisms using adjustment systems and mechanical generators, Doktora, H.MENCEK(Öğrenci), 2015
- SOYLU R., Kinematic analysis of a slider crank mechanism via a pre-calibrated vision system developed by using two commercial cameras, Yüksek Lisans, M.HİLMİ(Öğrenci), 2014
- SOYLU R., Biomechanical modelling of a horse rider, Yüksek Lisans, S.GÖZDE(Öğrenci), 2014
- SOYLU R., Locomotion and control of a modular snake like robot, Yüksek Lisans, E.KURTULMUŞ(Öğrenci), 2010
- SOYLU R., Development of a two-fingered and a four-fingered robotic gripper, Yüksek Lisans, B.DOĞAN(Öğrenci), 2010
- SOYLU R., Development of a 3-camera vision system and the saddle motion analysis of horses via this system, Yüksek Lisans, G.DOĞAN(Öğrenci), 2009
- SOYLU R., An algorithm to resolve the optimal locomotion problem of modular robots, Yüksek Lisans, H.MENCEK(Öğrenci), 2007
- SOYLU R., Dynamic stability analysis of modular, self-reconfigurable robotic systems, Yüksek Lisans, T.ALİ(Öğrenci), 2005
- SOYLU R., Dynamic performances of kinematically and dynamically adjustable planar mechanisms, Yüksek Lisans, E.İYİAY(Öğrenci), 2003
- SOYLU R., Trajectory planning algorithms for cooperating robots, Yüksek Lisans, E.SELVİ(Öğrenci), 2003
- SOYLU R., Inertial parameter desing of spatial mechanisms, Yüksek Lisans, F.CEMAL(Öğrenci), 2003
- SOYLU R., Inertial parameter design of planar mechanisms, Yüksek Lisans, M.TURSUN(Öğrenci), 2000
- DARENDELİLER H., SOYLU R., Optimal shope design of two dimensional rigid bodies with constraints on their kinematic and inertial parameters, Yüksek Lisans, S.GÜREL(Öğrenci), 2000
- SOYLU R., Suboptimal control of dynamic systems using polynomial parameterization symbolic manipulation, Yüksek Lisans, E.YILMAZ(Öğrenci), 1997
- SOYLU R., A New methodology for the kinamatic synthesis of planar mechanisms, Yüksek Lisans, G.BIÇAKÇI(Öğrenci), 1996
- SOYLU R., Motion modelling and time optimal trajectory planning for an industrial robot, Yüksek Lisans, H.ÜTÜKLERLİ(Öğrenci), 1995
- SOYLU R., Visual simulation of an industrial robot, Yüksek Lisans, S.DİNÇER(Öğrenci), 1995
- SOYLU R., Efficientmethods for the kinematic analysis of spatial mechanisms and robots, Yüksek Lisans, M.BURAK(Öğrenci), 1994
- SOYLU R., Formulation of dynamics and lineerization of hybrid robots, Yüksek Lisans, M.ÇETİN(Öğrenci), 1994
- SOYLU R., Computer aided generation and linearization of the equations of motion of serial robot manipulators, Yüksek Lisans, A.SARRAFİ(Öğrenci), 1993
- SOYLU R., Kinematic nad dynamic performance of spherical wrist and planar wrist manipulators, Yüksek Lisans,

E.BÜYÜKLİMANLI(Öğrenci), 1992

SOYLU R., Crank-rotatibility synthesis and automatic generation of the input-output equations of mechanisms, Yüksek Lisans, A.KUNTER(Öğrenci), 1991

### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- **Systematic and Rapid Construction of Test Beds for Planar Mechanism**  
Mencek H., SOYLU R.  
5th European Conference on Mechanism Science (EUCOMES), Guimaraes, Portekiz, 16 - 20 Eylül 2014, cilt.24, ss.277-285
- **A Vision Based Approach for Assessing Equine Locomotion and Whole-Body Vibration Induced on a Horse Rider**  
(Dogan) G. T. , SOYLU R.  
World Congress on Engineering (WCE 2013), London, Kanada, 3 - 05 Temmuz 2013, ss.2028-2036