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Research Areas

Biomedical Engineering, Bioengineering and MEMS, Biomechanics

Articles Published in Other Journals

- I. **Kullanıcı Dostu Yeni Elektronik Mimarisi Arduino**
ZORLU PARTAL S., ARISOY D. O., SEZER C., TAŞ F., CİN B.
Endüstri Otomasyon, pp.14-20, 2016 (Peer-Reviewed Journal)
- II. **PID Parameters Prediction Using Neural Network for A Linear Quarter Car Suspension Control**
Müderrisoğlu K., Arisoy D. O., Ahan A. O., Akdoğan E.
International Journal of Intelligent Systems and Applications in Engineering (IJISAE), vol.4, no.1, pp.20-24, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Bir Dolaşım Sistemi Simülasyonu Devresinin Egzersiz Durumunda Geribeslemeli Kontrolü**
Urgan A., Arisoy D. O., Kadıpaşaoğlu A. K.
TOK 2019 Ulusal Kongresi, Muğla, Turkey, 11 - 14 September 2019, pp.85-90
- II. **Use of a H? Controller on a Half Semi-trailer Truck Model to Reduce Vibrations and Its Implications on Human Factor**
AHAN A. O., ARISOY D. O., MÜDERRİSOĞLU K., ARSLAN B., GÜÇLÜ R.
20th Congress of the International Ergonomics Association (IEA 2018), Floransa, Italy, 26 August 2018, pp.421-435
- III. **A MINIATURE SMART CITY EXPERIMENTAL SET FOR ENGINEERING EDUCATION**
ZORLU PARTAL S., ARISOY D. O.
International Conference on Education in Mathematics, Science & Technology (ICEMST), Muğla, Turkey, 28 April 2018, pp.295-300
- IV. **Mathematical Model of a Cardiovascular Mock Circuit: Design and Validation**
ARISOY D. O., KADIPAŞAOĞLU A. K.
International Conference of Engineering and Natural Sciences (ICENS) 2017, 3 - 05 May 2017, pp.570
- V. **Vibration control of a semi-trailer truck for comfort with an output feedback H? controller**
Ahan A. O., Arisoy D. O., Müderrisoğlu K., Yazıcı H., Güçlü R.

International Conference On Engineering An Natural Science, Sarajevo, Bosnia And Herzegovina, 24 May 2016, pp.2141-2149

- VI. **Bir raylı taşıtta farklı koşullar altında yolcu konforu analizi**
AHAN A. O., ARISOY D. O., Müderrisoğlu K., BAYRAKTAR M., GÜÇLÜ R.
Uluslararası Katılımlı 17. Makina Teorisi Sempozyumu, İzmir, Turkey, 14 June 2015, pp.1-6
- VII. **Raylı Taşıt Ve Karayolu Taşıtı Trafiği Etkisi Altındaki Bir Asma Köprünün Dinamik Analizi**
Müderrisoğlu K., Arisoy D. O., Ahan A. O., Bayraktar M., Güçlü R.
Uluslararası Katılımlı 17. Makina Teorisi Sempozyumu, İzmir, Turkey, 14 - 17 June 2015, pp.1-11
- VIII. **Discretization of Continuous Structures: Rayleigh Ritz Method and Finite Element Direct Method with analysis of Longitudinal Beam Vibration**
Ahan A. O., Arisoy D. O.
3rd International Scientific Conference on Engineering Manufacturing and Advanced Technologies, Mostar, Bosnia And Herzegovina, 18 September 2014, pp.1-6
- IX. **Roller Coaster Güzergahında Tanımlanan Noktasal Bir Cismin Dinamik Analizi**
AHAN A. O., ARISOY D. O., Müderrisoğlu K., BAYRAKTAR M.
XVI. Ulusal Makina Teorisi Sempozyumu, Erzurum, Turkey, 12 September 2013, pp.1-7
- X. **Static and Dynamic Analysis of Railway Wagon Trailer Bogie in Computer Environment**
ARISOY D. O., AHAN A. O., Müderrisoğlu K., BAYRAKTAR M.
1. International Workshop on Railway System Engineering, Karabük, Turkey, 11 October 2012, pp.1-7

Supported Projects

Kadıpaşaoğlu A. K., Hüdaverdi M., Türker T., TUBITAK Project, Development of a Mechanical Circulatory Support System, 2019 - 2022

Metrics

Publication: 13

H-Index (WoS): 1