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Research Areas

Technical Sciences, Industrial Engineering , Stochastic Modeling, Stochastic Processes, Quality and Reliability, Reliability and Maintenance, Decision Theory, Decision Support Systems, Basic Sciences, Statistics

Published journal articles indexed by SCI, SSCI, and AHCI

I. Determining the factors that affect the production time in metal industry utilizing data mining methods

Isik K., KAPAN ULUSOY S.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.4, pp.1949-1962, 2021 (SCI-Expanded)

II. Bayesian Calculation of Optimal Burn-in Time Using the Joint Criteria of Cost and Delivered Reliability

Ulusoy S. K., Mazzuchi T. A., PERLSTEİN D.

QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL, vol.27, no.4, pp.569-580, 2011 (SCI-Expanded)

III. Fuzzy Bayesian reliability and availability analysis of production systems

GÖRKEMLİ L., Ulusoy S.

COMPUTERS & INDUSTRIAL ENGINEERING, vol.59, no.4, pp.690-696, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. RELIABILITY ANALYSIS OF A CIRCULAR KNITTING MACHINE

gülbahar s., ULUSOY S. K., ZEYDAN M.

Nevşehir Hacı Bektaş Veli Üniversitesi SBE Dergisi, vol.13, no.1, pp.291-308, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. ROUGH SET BASED AIRCRAFT FAILURE RELIABILITY PREDICTION MODEL IN AVIATION SECTOR AND ITS APPLICATION IN TURKEY

ÖZMEN M., KAYA N., KAPAN ULUSOY S.

International Conference On Access To Recent Advances In Engineering And Digitalization, 5 - 07 March 2020

- II. Ham Sunta İşleme Hattındaki Arıza Verilerinin Hata Ağacı Yardımı ile Bayes Ağrı Olarak Modellemesi**
BENLİ B., KAPAN ULUSOY S., CANIYILMAZ E.
Yöneylem Araştırması ve Endüstri Mühendisliği 32. Ulusal Kongresi, İstanbul, Turkey, 1 - 04 June 2012
- III. Ham Sunta İşleme Hattındaki Arıza Verilerinin Hata Ağacı Yardımı ile Bayes Ağrı Olarak Modellemesi**
AYMAN B., KAPAN ULUSOY S., CANIYILMAZ E.
YAEM 2012, 1 - 04 June 2012, pp.0-270
- IV. A Bi-objective Max-Min Redundancy Allocation Problem and the Preference-ordered Classification**
SOYLU B., KAPAN ULUSOY S.
XXIVth Mini Euro Conference MEC-EurOpt 2010, Izmir University of Economics, 15 June 2010
- V. Bayes ağları ile uçuş gecikmelerinin analizi**
KAPAN ULUSOY S., GÖRKEMLİ L.
YA/EM 2009 Yöneylem Araştırması/Endüstri Mühendisliği 29. Ulusal Kongresi, Ankara, Turkey, 1 - 04 June 2009
- VI. Analysis of maintenance data of an airline**
KAPAN ULUSOY S., GÖRKEMLİ L.
HDM 2008: International Conference on Multivariate Statistical Modeling and High Dimensional Data Mining, Turkey, 1 - 04 June 2008

Supported Projects

KAPAN ULUSOY S., GÖRKEMLİ L., Project Supported by Higher Education Institutions, SÜREÇ GÜVENİLİRLİĞİNİN BULANIK-BAYESGİL YÖNTEMLERİ İLE BELİRLENMESİ, 2009 - 2011

Metrics

Publication: 11
Citation (WoS): 18
Citation (Scopus): 33
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H-Index (Scopus): 1