

## Lect. PhD Umut KINIT

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, Turkey 2014 - 2023

Postgraduate, Istanbul Technical University, Makina, Makina Mühendisliği, Turkey 2010 - 2013

Undergraduate, Mersin University, Tarsus Teknik Eğitim Fakültesi, Makine Eğitimi, Turkey 2002 - 2007

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Hızlı Tren Akslarının Güvenli Ömür Sürelerinin Dinamik Analiz Yöntemiyle Belirlenmesi, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2023

Postgraduate, 30MnB4 Cıvata malzemesinin farklı ısı işlem sıcaklıklarında dstatik dayanım değerlerinin deneysel incelenmesi, İstanbul Teknik Üniversitesi, Makine Mühendisliği, Konstrüksiyon , 2013

### Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Elements, Machine Design, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2023 - Continues

Lecturer, Yildiz Technical University, Faculty Of Mechanical Engineering, Machine, 2007 - Continues

### Academic and Administrative Experience

## Courses

Teknik Resim ve Tasarım, Undergraduate, 2023 - 2024

Bilgisayar Destekli Teknik Resim 1, Undergraduate, 2023 - 2024

Temel Bilgisayar Bilimleri(Matlab), Undergraduate, 2023 - 2024

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dynamic analysis for high-speed train hollow power axle**  
Kınıt U., Dikmen F.  
Journal of Mechanical Science and Technology, vol.37, no.2, pp.583-594, 2023 (SCI-Expanded)
- II. **Heat Treatment Effects on the Mechanical Properties and Microstructure of 30MnB4 Steel Bolts**  
Kınıt U., Bozca M.  
MATERIALS TESTING, vol.56, pp.945-949, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Reliability analysis of the mechanical properties of 30MnB4 high strength steel bolts under static loading conditions**  
Bozca M., Kınıt U.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.38, no.2, pp.495-512, 2020 (ESCI)

## Books & Book Chapters

- I. **Investigation of heat treatment effect on mechanical properties of high strength steel bolt material**  
Kınıt U., Bozca M., Palabıyık İ. M., Sevinç A., Büyükalgan U. H.  
in: Modern Methods in Construction Design, Ladislav Sevcik,Petr Lepsik,Michal Petru,Ivan Masin,Rudolf Martonka,, Editor, Springer International Publishing, Zürich, pp.89-95, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF YAW MOTION-SPEED RELATIONSHIP OF HIGH SPEED TRAIN SET, BY DYNAMIC ANALYSIS METHOD**  
KINIT U., DİKMEN F.  
THIRD INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2017, İstanbul, Turkey, 19 December 2017, pp.286-294
- II. **Investigation of Heat Treatment Effect on Mechanical Properties of High Strength Steel Bolt Material**  
KINIT U.  
54th International Conference of Machine Design Departments, 01 September 2013

## Other Publications

- I. **30MB4 Cıvata Malzemesinin Statik Dayanım Değerlerinin Farklı Isıl İşlem Türlerine Göre Deneysel İncelenmesi**  
KINIT U.  
Other, 2013

## **Metrics**

Publication: 7

Citation (WoS): 1

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1