

## Res. Asst. Halil İbrahim Sönmez

### Personal Information

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### Education Information

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2015 - 2018

### Dissertations

Postgraduate, Buji ateşlemeli bir motorda yakıt olarak sıkıştırılmış doğalgaz kullanımı ve motor performansının deneysel incelenmesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2017

### Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Alternative Energy Resources, Thermodynamics, Fuels and Combustion, Internal Combustion Engines, Naval Architecture and Marine Engineering, Ship Machines

### Academic Titles / Tasks

Research Assistant, Van Yüzüncü Yıl University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü, 2014 - Continues

### Articles Published in Other Journals

- I. **Cost Efficiency and Emission Analysis of a Bulk Carrier Cranes Operation**  
BAŞHAN V., ÇAKIR M., SÖNMEZ H. İ.  
JOURNAL OF ETA MARITIME SCIENCE, vol.6, no.1, pp.27-36, 2018 (Journal Indexed in ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Performance, Emission and Economic Analysis of The Refrigeration Systems in Ships**  
Başhan V., Kaya A., Özşarı İ., Arslan F., Sönmez H. İ.  
4th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2018, İstanbul, Turkey, 19 - 21 December 2018, pp.875-886
- II. **EFFECT OF COMPRESSION RATIO ON THE PERFORMANCE OF A NATURAL GAS FIRED ENGINE**  
Çakır M., Sönmez H. İ.  
4TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCE, Kyyiv, Ukraine, 2 - 06 May 2018, pp.387
- III. **DESIGN AND CALCULATION OF THE WASTE HEAT RECOVERY POTENTIAL FOR A BULK CARRIER**

## **MARINE DIESEL GENERATOR**

Kökkülünk G., Başhan V., Kaya A., Sönmez H. İ.

3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017- ICAME2017, İstanbul, Turkey, 19 - 21 December 2017, pp.366-374

### **IV. Determination of Pre-combustion Chamber Design for a Stratified Charge Natural Gas Engine**

Çakır M., Sönmez H. İ.

III. International Conference on Engineering and Natural Science (ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.609-613

### **V. Bir Yük Gemisinin Balast Operasyonunun Ekonomik ve Ekolojik Analizi**

Başhan V., Sönmez H. İ., Gonca G.

1st International Congress on Ship and Marine Technology, İstanbul, Turkey, 8 - 09 December 2016, pp.1-12