

## Res. Asst. Özlem ÇAVUŞ

### Personal Information

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### Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Mimari Tasarımda Bilişim (Dr), Turkey 2019 - Continues

Postgraduate, Middle East Technical University, Fen Bilimleri Enstitüsü, Yapı Bilimleri (YI) (Tezli), Turkey 2016 - 2019

Undergraduate, Middle East Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey 2010 - 2016

### Dissertations

Postgraduate, Learning from folding for design in kinetic structures in architecture, Middle East Technical University, Fen Bilimleri Enstitüsü, Yapı Bilimleri (YI) (Tezli), 2019

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Mimari Tasarımda Bilişim (Dr), 2020 - Continues

Research Assistant, Ondokuz Mayıs University, Mimarlık Fakültesi, Mimarlık Bölümü, 2018 - Continues

Research Assistant, Nigde Omer Halisdemir University, Mimarlık Fakültesi, Mimarlık Bölümü, 2017 - 2018

### Articles Published in Other Journals

- I. **Phenomenological Evaluation on Wayfinding in Complex Educational Buildings: The Case of ITU Faculty of Architecture**  
ÇAVUŞ Ö.  
Journal of Computational Design, vol.2, no.1, pp.285-312, 2021 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **In-Vehicle Personalized Routing for A Heterogeneous Group: An Experience-Based Method for Decision Support System**  
ÇAVUŞ Ö., CENANİ DURMAZOĞLU Ş., ÇAĞDAŞ G.  
31. European Conference on Operational Research, Greece, 11 July 2021
- II. **A Swarm Intelligence Based Framework for Robotic Fabrication Aided Design**  
ÇAVUŞ Ö., ALAÇAM S.

Mimarlıkta Sayısal Tasarım XV. Ulusal Sempozyumu, İstanbul, Turkey, 28 June 2021, pp.147-158

III. **Symmetry Groups for Understanding and Interpreting Structural Grids of Kinetic Skins in Architecture**

ÇAVUŞ Ö., SORGUÇ A.

Mimarlıkta Sayısal Tasarım XV. Ulusal Sempozyumu, İstanbul, Turkey, 28 June 2021, pp.125-134

IV. **An evolutionary approach for topology finding in flexible and modular housing**

ÇAVUŞ Ö., Uyduran H. G., Razzaghmanesh D., AS İ.

The 26th International Conference of the Association for Computer-Aided Architectural Design Research in Asia, Hong Kong, China, 30 March 2021, vol.1, pp.231-240