

## Lect. PhD Elif Kurtaran Özbudak

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-6412-9845

Yoksis Researcher ID: 353383

### Foreign Languages

French

English

### Certificates, Courses and Trainings

PMP, Project Management Institute, 2006

### Research Areas

Cryptography, Software Engineering

### Academic Titles / Tasks

Lecturer PhD, TED University, Faculty of Engineering, Department of Software Engineering, 2021 - Continues

### Academic and Administrative Experience

Bölüm Müdek Koordinatörü, TED University, Faculty Of Engineering, Department Of Software Engineering, 2024 - Continues

Fakülte BGYS Temsilcisi, TED University, Faculty Of Engineering, Department Of Software Engineering, 2023 - Continues

Internship Committee Member, TED University, Faculty Of Engineering, Department Of Software Engineering, 2023 - Continues

Internship Coordinator, TED University, Faculty Of Engineering, Department Of Software Engineering, 2022 - Continues

### Courses

Software Engineering, Undergraduate

Software Engineering, Undergraduate, 2023 - 2024, 2022 - 2023

Information Security and Cryptography, Undergraduate, 2022 - 2023

Fundamentals of Programming II, Undergraduate, 2021 - 2022

Data Structures and Algorithms I, Undergraduate, 2021 - 2022  
Data Structures and Algorithms I, Undergraduate, 2021 - 2022  
Fundamentals of Programming I, Undergraduate, 2022 - 2023, 2021 - 2022  
Fundamentals of Programming I, Undergraduate, 2022 - 2023, 2021 - 2022  
Fundamentals of Programming II, Undergraduate, 2021 - 2022  
Summer Internship, Undergraduate, 2022 - 2023  
Data Structures and Algorithms I, Undergraduate, 2021 - 2022  
Advanced Information Security and Cryptography, Postgraduate, 2022 - 2023  
Discrete Structures of Mathematics, Undergraduate, 2021 - 2022

## **Jury Memberships**

Competition, Genç Beyinler Yeni Fikirler, Ankara Üniversitesi, May, 2022  
Competition, WURI 2002 Ranking – Fourth Industrialization, TED Üniversitesi, April, 2022

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

- I. **A class of authentication codes with secrecy**  
Kurtaran Özbudak E., ÖZBUDAK F., Saygı Z.  
Designs, Codes, and Cryptography, vol.59, no.1-3, pp.287-318, 2011 (SCI-Expanded)
- II. **Some Identities and Asymptotics for Characters of the Symmetric Group**  
Klyachko A., Kurtaran Özbudak E.  
Journal of Algebra, vol.206, no.2, pp.413-437, 1998 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Organizational Design for a Mature Process Management Group: Experiences and Recommendations**  
Kurtaran Özbudak E., Değerli M.  
UYMS 2017 - Turkish National Software Engineering Symposium, vol.Vol-1980, pp.403-410
- II. **Blending Software Engineering and Systems Engineering Processes: Changes Introduced by ISO/IEC 12207:2008 and Evaluations on Effects of These Changes**  
Değerli M., Kurtaran Özbudak E.  
UYMS 2017 - Turkish National Software Engineering Symposium, pp.368-377
- III. **Project-Level Audits as Part of an Effective Quality Assurance Process: Applied Practices and Relevant Lessons Learned**  
Kurtaran Özbudak E., Değerli M., Aytaç A., Çolakoğlu N., Demirel Ö.  
Turkish National Software Engineering Symposium, 18 - 20 October 2017, vol.Vol-1980
- IV. **Organizational design for a mature process management group: Experiences and recommendations**  
**Olgun Bir Süreç Yönetimi Ekibi Organizasyonu Tasarımı: Deneyimler ve Öneriler**  
Değerli M., Kurtaran Özbudak E.  
11th Turkish National Software Engineering Symposium, UYMS 2017, Alanya, Turkey, 18 - 20 October 2017, vol.1980, pp.403-410
- V. **A Process Tailoring Approach Example: Process Tailoring Matrix (PTM), Experiences, and Suggestions**  
Kurtaran Özbudak E., Değerli M., Çolakoğlu F. N.  
Turkish National Software Engineering Symposium, vol.Vol-1721, pp.675-683
- VI. **A process tailoring approach example: Process tailoring matrix (PTM), experiences, and suggestions**  
**Bir Süreç Uyarlama Yaklaşımı Örneği: Süreç Uyarlama Matrisi (SUM), Deneyimler ve Öneriler**

Değerli M., Kurtaran Özbudak E., Çolakoğlu F. N.

10th Turkish National Software Engineering Symposium, UYMS 2016, Çanakkale, Turkey, 24 - 26 October 2016, vol.1721, pp.675-683

**VII. A Class of Authentication Codes with Secrecy,**

Kurtaran Özbudak E., Özbudak F., Saygı Z.

WCC 2009-International Workshop on Coding and Cryptography, 10 - 15 May 2009

**VIII. Artin-Schreier Type Curves and Quadratic Forms**

Kurtaran Özbudak E., Özbudak F., Saygı Z.

KOLLOQUIUM UBER " KOMBINATORIK, 13 - 14 November 2009

**IX. Migrating a hierarchical legacy database application onto an XML-based service-oriented web platform**

Yürekten Ö., Dinçer K., Akar B., Sungur M., Kurtaran Özbudak E.

ISCIS 2006: 21th International Symposium on Computer and Information Sciences, İstanbul, Turkey, 1 - 03 November 2006, vol.4263 LNCS, pp.645-654

**X. The Critical Edge Between Project Success and Failure: Effective Requirements Engineering**

Kurtaran Özbudak E., Sungur M., Y.Acar E., Tümay A., Dinçer K.

**XI. Information System Infrastructure for a National Crisis Management Center**

Kurtaran Özbudak E., Sungur M., Yürekten Ö., Avcı A., Dinçer K., Erdem A.

9th Int. Conference of International Emergency Management Society, 14 - 17 May 2002