

## **Asst. Prof. ALİ ŞENDUR**

### **Personal Information**

**Email:** alisendur@akdeniz.edu.tr

**Web:** <https://avesis.akdeniz.edu.tr/alisendur>

### **Education Information**

Doctorate, Izmir Institute Of Technology, Faculty Of Science, Matematik, Turkey 2007 - 2012

Undergraduate, Dokuz Eylul University, Fen Fakültesi, Matematik, Turkey 2002 - 2007

### **Certificates, Courses and Trainings**

Education Management and Planning, PhD Course on Discontinuous Galerkin Finite Element Methods, University of Pavia, 2012

Education Management and Planning, The 10th annual Summer School of the Atlantic Association for Research in the Mathematical Sciences, Memorial University of Newfoundland, 2011

### **Dissertations**

Doctorate, Enriched Finite Elements Methods for Convection-Diffusion-Reaction Problems., Izmir Institute Of Technology, Fen Fakültesi, Matematik, 2012

### **Research Areas**

Mathematics, Differential Equations, Numerical Analysis, Natural Sciences

### **Academic Titles / Tasks**

Assistant Professor, Akdeniz University, Alanya Eğitim Fakültesi, İlköğretim, 2013 - Continues

### **Academic and Administrative Experience**

Akdeniz University, Alanya Eğitim Fakültesi, İlköğretim, 2014 - Continues

### **Courses**

Analizde Seçme Konular II, Postgraduate, 2013 - 2014

Soyut Matematik, Undergraduate, 2013 - 2014

Lineer Cebir 1, Undergraduate, 2014 - 2015

Genel Matematik, Undergraduate, 2013 - 2014

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

- I. **Applications of the pseudo residual-free bubbles to the stabilization of the convection-diffusion-reaction problems in 2D**  
Sendur A., Nesliturk A., Kaya A.  
COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, vol.277, pp.154-179, 2014 (SCI-Expanded)
- II. **Applications of the pseudo residual-free bubbles to the stabilization of convection-diffusion-reaction problems**  
Sendur A., Nesliturk A. I.  
CALCOLO, vol.49, no.1, pp.1-19, 2012 (SCI-Expanded)
- III. **A fully discrete epsilon-uniform method for singular perturbation problems on equidistant meshes**  
FİLİZ A., NESLİTURK A. İ., ŞENDUR A.  
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, vol.89, pp.190-199, 2012 (SCI-Expanded)

## Books & Book Chapters

- I. **MATEMATİK İşletme İktisat ve Ekonomi Uygulamaları**  
ERDİK C., ERTİK H., ŞENDUR A., TULGA İ.  
Paradigma Akademi Kitabevi Yayınları, Ankara, 2015

## Supported Projects

ŞENDUR A., ERDİK C., TUBITAK Project, EĞLENCİLİ MATEMATİK UYGULAMALARI (EMU), 2015 - 2015

## Metrics

Publication: 4

Citation (WoS): 14

Citation (Scopus): 16

H-Index (WoS): 2

H-Index (Scopus): 2

## Congress and Symposium Activities

LİSEDE OKUYAN ÖĞRENCİLERİN TRİGONOMETRİ KONUSUNDA KARŞILAŞTIKLARI ZORLUKLAR VE OLASI SONUÇLARI,,  
Attendee, İstanbul, Turkey, 2014

Finite element based finite difference method for multidimensional convection-diffusion-reaction equations,  
International Conference on "Numerical Methods for Scientific Computations and Advanced Applications, Attendee,  
Bansko, Bulgaria, 2014

Applications of RFBs to the stabilization of the convection - diffusion - reaction problems in 2D: Part 1.Convection -  
Dominated flows, Attendee, Bulgaria, 2012

Applications of RFBs to the stabilization of the convection - diffusion - reaction problems in 2D: Part 2.Reaction -  
Dominated flows, Attendee, Bulgaristan, Turkey, 2012

Applications of the pseudo residual - free bubbles to the stabilization of convection - diffusion - reaction problems,  
Attendee, Germany, 2011

An epsilon - uniform method for singular perturbation problems on equidistant meshes, Attendee, Sweden, 2009

## Scholarships

2211-Yurt İi Doktora Burs Programı, TUBITAK, 2012 - Continues