

## Res. Asst. Ali Hamidođlu

### Personal Information

Email: ahamidoglu@itu.edu.tr

### Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2015 - 2020

Post Graduate, Bogazici University, Faculty Of Science And Letters, Department Of Mathematics, Turkey 2010 - 2013

Under Graduate, Bogazici University, Faculty Of Science And Letters, Department Of Mathematics, Turkey 2005 - 2010

### Foreign Languages

English, C1 Advanced

### Research Areas

Differential Equations, Optimization, System Theory: Control

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Matematik Mühendisliđi, 2018 - 2020

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **On construction of sampling patterns for preserving observability/controllability of linear sampled-data systems**  
Hamidođlu A., Mahmudov E.  
International Journal of Control, pp.1-12, 2020 (Journal Indexed in SCI)
- **Null controllability of heat equation with switching controls under Robin's boundary condition**  
Hamidoglu A.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, pp.373-379, 2016 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **On Discrete Game Models for Treating the Spread of a Disease**  
Hamidođlu A.  
IOSR JOURNAL OF MATHEMATICS, vol.16, pp.55-61, 2020 (Refereed Journals of Other Institutions)
- **ON GENERAL FORM OF THE TANH METHOD AND ITS APPLICATION TO NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS**  
Hamidoglu A.  
NUMERICAL ALGEBRA CONTROL AND OPTIMIZATION, vol.6, pp.175-181, 2016 (Journal Indexed in ESCI)

- **Null controllability of heat equation with switching pointwise controls**  
Hamidoğlu A.  
Transactions Issue Mathematics, Azerbaijan National Academy of Sciences, vol.35, pp.52-60, 2015 (Refereed Journals of Other Institutions)
- **00 SWITCHING LUMPED CONTROLS**  
Hamidoglu A.  
PROCEEDINGS OF THE INSTITUTE OF MATHEMATICS AND MECHANICS, vol.41, pp.83-90, 2015 (Journal Indexed in ESCI)

## Books & Book Chapters

- **On General Form of Tanh Method and Its Application to Medical Problems**  
Hamidoğlu A.  
in: Proceedings of the Tenth International Conference on Management Science and Engineering Management. Advances in Intelligent Systems and Computing, Xu J.,Hajiyev A.,Nickel S.,Gen M., Editor, Springer, London/Berlin , Singapore, pp.269-278, 2016

## Refereed Congress / Symposium Publications in Proceedings

- **A strategy for finding integer almost periods in the theory of almost periodic functions**  
Hamidoğlu A.  
Third International Conference "Caucasian Mathematics Conference", Rostov, Russia, 26 - 29 August 2019, pp.19
- **A NEW STRATEGY FOR FINDING SWITCHING CONTROLS IN CONTROLLABILITY PROBLEMS**  
Hamidoğlu A.  
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.135-137
- **On General Form of Tanh Method and Its Application to Medical Problems**  
Ali H.  
10th International Conference on Management Science and Engineering Management (ICMSEM), Baku, Azerbaijan, 31 August - 02 September 2016, vol.502, pp.269-278
- **On Generalization of Tanh Method and Its Application to Non-linear Partial Differential Equations**  
Hamidoğlu A.  
28th European Conference on Operational Research, Poznan, Poland, 3 - 06 July 2016, pp.128

## Citations

Total Citations (WOS):2

h-index (WOS):1

## Invited Talks

The third Caucasian Mathematics Conference, Conference, European Mathematical Society, Russia, August 2019