



RES. ASIST. Mahmut Kudeyt

Işık University

Mathematics Department

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**1. Name** : Mahmut Kudeyt

**2. Birth Date** : 25.11.1984

**3. Academic Title** : Research Asistant

**4. Education:**

DATES	DEGREE	UNIVERSITY	DEPARTMENT
2003-2008	BS	Yıldız Technical University	Mathematics
2009-2011	MS	Yıldız Technical University	Mathematics
2012-	PHD	Yıldız Technical University	Mathematics

**5. Academic Titles:**

YEAR	TITLE	UNIVERSITY	DEPARTMENT
2014	Res. Assist.	Işık University	Mathematics

**6. Publications:**

**6. 1. Journal Publications (SCI-Expanded)**

**6. 2. Journal Publications (Non SCI-Expanded)**

1. Ayşe Kara Hansen, Mahmut Kudeyt, Generalized Lucky Guess  $LG(3n)$  and its Lie Algebra  $lg(3n)$ , Sigma Journal of Engineering and Natural Sciences, 2015.

### **6.3. International Conference Papers**

1. Ayşe Kara Hansen, Mahmut Kudeyt, "Controllability of affine systems and 3-dimensional lie groups" in ICM Conference 2014, **August 13-21, 2014, Seoul, Korea.**

### **6.4. Book Chapters**

### **6.5. National Journal Publications**

### **6.6. National Conference Papers**

1) Ayşe Kara Hansen, Mahmut Kudeyt, "Generalized Lucky Guess  $LG(3n)$  and its Lie Algebra  $lg(3n)$ ",  
28. Ulusal Matematik Sempozyumu, 2015, Antalya.

### **6.7. Other Publications**

### **7. Course Taught (as an assistant)**

- Calculus 1-2
- Probability
- Multivariable Calculus and Differential Equations
- Differential Equations

### **8. Research Interest:**

- Fundamental Groups of Topological Spaces
- Braids
- Geometrical Control Systems on Lie Groups
- Lie Theory
- Affine Control Systems

### **9. Foreign Experience**

1) Aarhus University, 2011 (for six months)

### **10. Foreign Language**

1) English (YDS : 88,75)