


# CIRRUCULUM VITAE

<b>Name&amp;Surname</b>	<b>Ahmet Altundağ</b>	
<b>Date of Birth</b>	<b>December 12, 1979</b>	
<b>Title</b>	<b>Asst. Professor</b>	

- **Education:**

<b>Degree</b>	<b>Field</b>	<b>University</b>	<b>Year</b>
<b>Doctorate</b>	Mathematics	Georg August Universitat Göttingen	2009--2012
<b>Master (M.Sc.)</b>	Mathematics Engineering	Istanbul Technical University	2006--2008
<b>Bachelor (B.Sc.)</b>	Mathematics	Yıldız Technical University	2001--2005
<b>Bachelor (B.Sc.)</b>	Physics (Double Major)	Yıldız Technical University	2002--2005
<b>Bachelor (B.Sc.)</b>	Civil Engineering (Full Scholarship)	Altınbaş University	2013--2017
<b>Bachelor (B.Sc.)</b>	Architecture (Double Major) (Full Scholarship)	Altınbaş University	2014-- ...

- **Academic Titles:**

<b>Title</b>	<b>Department</b>	<b>University</b>	<b>Start Date</b>	<b>End Date</b>
<b>Asst. Professor</b>	Mathematics	Altınbaş University	01.09.2017	
<b>Asst. Professor</b>	Mathematics Education	Istanbul Sabahattin Zaim University	01.07.2013	31.08.2017
<b>Asst. Professor</b>	Mathematics—Computer	Istanbul Aydın University	01.06.2012	30.06.2013
<b>Research Assistant</b>	Mathematics	Georg August Universität Göttingen	15.01.2009	15.02.2012
<b>Research Assistant</b>	Mathematics Engineering	Istanbul Technical University	01.12.2006	15.01.2009

- **PUBLICATION**

1. **Altundag, A. and Kress, R.** : On a two-dimensional inverse scattering problem for a dielectric. *Applicable Analysis* **91**, (2012), pp. 757--771.
2. **Altundag, A. and Kress, R.** : An Iterative Method for a Two-Dimensional Inverse Scattering Problem for a Dielectric. *Jour. on Inverse and Ill-Posed Problem* **20**, (2012), pp. 575--590.
3. **Altundag, A.** : A hybrid method for inverse scattering problem for a dielectric. *Advances in Applied Mathematics and Approximation Theory* **41**, (2013) , pp. 185—203.
4. **Altundag, A.** : A simultaneous linearization method for inverse scattering problem for a dielectric. *The German National Library of Science and Technology (TIB)*, (2013) T 13 B 1418, pp. 28-43.

5. **Altundag, A.** : A second degree Newton method for an inverse scattering problem for a dielectric. *Hittite Journal of Science And Engineering* **2**, (2015), pp. 115-125.
6. **Altundag, A.** : Inverse obstacle scattering with conductive boundary condition for a coated dielectric cylinder. *Journal of Concrete and Applicable Mathematics* **13**, (2014), pp. 11-22.
7. **Altundag, A.** : A simultaneous linearization method for shape and impedance function for a dielectric obstacle. *Advances in Intelligent Systems and Computing*, Vol (441), (2016), pp. 57-71 Springer

## ● CONFERANCES

1. **Altundag, A. and Ozdemir, F.** : Semi-Symmetric metric F-connection Spaces. *VIII International Colloquium on Differential Geometry*, Santiago de Compostela. Spain, 7-11 July 2008.
2. **Altundag, A. and Ozdemir, F.** : Semi-Simetrik Metrik F-Konneksiyonlu Kaehler Uzayları. *XXI. Ulusal Matematik Sempozyumu (XXI. National Mathematics Symposium)* Koc University (Istanbul/Turkey) September 1-4, 2008.
3. **Altundag, A. and Kress, R.** : On a Two-Dimensional Inverse Scattering Problem for a Dielectric. *Applied Inverse Problems Conference College Station, Texas USA*, May 23-27, 2011.
4. **Altundag, A.** : A simultaneous linearization method for inverse scattering problem for a dielectric. *WORKSHOP INVERSE PROBLEMS 2012*. Institut für Werkstofftechnik, IWT, Bremen/Germany, 8. + 9. March 2012.
5. **Altundag, A.** : A hybrid method for inverse scattering problem for a dielectric. *International Conferance on Applied Mathematics & Approximation Theory AMAT 2012*. Ankara-Turkey, May 17-20, 2012.
6. **Altundag, A.** : A simultaneous linearization method for shape and conductive function for a dielectric. *The Final Workshop of RTG 1023* Göttingen-Germany, November 29-30, 2013.
7. **Altundag, A.** : A Two Dimensional Inverse Scattering Problem for Shape and Conductive Function for a Dielectric Cylinder. *International Conference on Applied Mathematics & Approximation Theory AMAT 2015*. Ankara-Turkey, May 28-31, 2015.

## ● Project

-

## ● Supervision of Master and Doctorate Dissertation

-

## ● Administrative Duties

-

- **Books**

-

- **Activities**

Types of Activity	Subject	Location	Date	Speaker
Seminar	Inverse Scattering Problem for a Perfect Conductor.	Goslar (Germany)	03.10.2009	Yes
Seminar	Inverse Scattering Problem for a Dielectric.	Goslar (Germany)	08.10.2010	Yes
Seminar	Inverse Scattering Problem for a Dielectric.	Goslar (Germany)	12.10.2011	Yes
Seminar	On a Two Dimensional Inverse Scattering Problem.	Istanbul Technical University	06.04.2012	Yes
Seminar	On a Two Dimensional Inverse Scattering Problem.	Yıldız Technical University	04.05.2012	Yes

- **Research Interest**

- ✓ Inverse Scattering Problems
- ✓ Integral Equations
- ✓ Computed Tomography

- **The courses given in the last five years:**

Course Name	The Course given at :	Theory	App.	Num. of Student	Semester	Year
Analysis IV	Istanbul Aydın University	4	2	17	Summer School	2012
Differential Equations	Istanbul Aydın University	4	0	41	Summer School	2012
Analysis III	Istanbul Aydın University	4	2	38	Fall	2012
Differential Equations	Istanbul Aydın University	4	0	33	Fall	2012
Calculus I (Section I)	Istanbul Aydın University	4	2	76	Fall	2012
Calculus I (Section IV)	Istanbul Aydın University	4	2	50	Fall	2012
Analysis IV	Istanbul Aydın University	4	2	41	Spring	2013
Partial Differential Equations	Istanbul Aydın University	2	2	32	Spring	2013

Calculus II (Section I)	Istanbul Aydın University	4	2	80	Spring	2013
Calculus II (Section II)	Istanbul Aydın University	4	2	76	Spring	2013
Mathematics I Business Administration	Istanbul Sabahattin Zaim University	3	0	22	Fall	2013
Calculus I Computer Engineering	Istanbul Sabahattin Zaim University	4	2	31	Fall	2013
Differential Equations Computer Engineering	Istanbul Sabahattin Zaim University	4	0	47	Fall	2013
Mathematics II Business Administration	Istanbul Sabahattin Zaim University	3	0	23	Spring	2014
Calculus II Computer Engineering	Istanbul Sabahattin Zaim University	4	2	44	Spring	2014
Calculus I Computer Engineering	Istanbul Sabahattin Zaim University	4	0	50	Fall	2014
Differential Equations Computer Engineering	Istanbul Sabahattin Zaim University	3	0	53	Fall	2014
Mathematics I Business Administration	Istanbul Sabahattin Zaim University	3	0	24	Fall	2014
Differential Equations Food Engineering	Istanbul Sabahattin Zaim University	2	0	36	Fall	2014
Calculus II Computer Engineering	Istanbul Sabahattin Zaim University	4	0	66	Spring	2015
Mathematics II Business Administration	Istanbul Sabahattin Zaim University	3	0	27	Spring	2015
Mathematics I Economics & Business Adminstration	Istanbul Sabahattin Zaim University	3	0	66	Fall	2015
Calculus I Computer Engineering Section 1	Istanbul Sabahattin Zaim University	4	0	56	Fall	2015
Calculus I Computer Engineering Section 2	Istanbul Sabahattin Zaim University	4	0	35	Fall	2015
Calculus I Food & Industrial Engineering	Istanbul Sabahattin Zaim University	4	0	53	Fall	2015
Mathematics I International Trade and Finance	Istanbul Sabahattin Zaim University	3	0	48	Fall	2015
Differential Equations Food Engineering	Istanbul Sabahattin Zaim University	2	0	33	Fall	2015

<b>Mathematics II Economics &amp; Business Adminstration</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>3</b>	<b>0</b>	<b>69</b>	<b>Spring</b>	<b>2016</b>
<b>Calculus II Computer Engineering Section 1</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>52</b>	<b>Spring</b>	<b>2016</b>
<b>Calculus II Computer Engineering Section 2</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>47</b>	<b>Spring</b>	<b>2016</b>
<b>Calculus II Food &amp; Industrial Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>51</b>	<b>Spring</b>	<b>2016</b>
<b>Mathematics II International Trade and Finance</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>3</b>	<b>0</b>	<b>49</b>	<b>Spring</b>	<b>2016</b>
<b>Differential Equations Computer Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>3</b>	<b>0</b>	<b>46</b>	<b>Spring</b>	<b>2016</b>
<b>Mathematics I Economics &amp; Health Administration</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>3</b>	<b>0</b>	<b>65</b>	<b>Fall</b>	<b>2016</b>
<b>Calculus I Computer &amp; Software Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>122</b>	<b>Fall</b>	<b>2016</b>
<b>Mathematics I Business Administration</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>3</b>	<b>0</b>	<b>41</b>	<b>Fall</b>	<b>2016</b>
<b>Calculus I Food &amp; Industrial Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>94</b>	<b>Fall</b>	<b>2016</b>
<b>Mathematics I International Trade and Finance &amp; Islamic Economics and Finance</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>3</b>	<b>0</b>	<b>91</b>	<b>Fall</b>	<b>2016</b>
<b>Differential Equations Food Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>2</b>	<b>0</b>	<b>76</b>	<b>Fall</b>	<b>2016</b>
<b>Mathematics II Industrial Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>53</b>	<b>Spring</b>	<b>2017</b>
<b>Mathematics II Food Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>51</b>	<b>Spring</b>	<b>2017</b>
<b>Mathematics II Computer Engineering</b>	<b>Istanbul Sabahattin Zaim University</b>	<b>4</b>	<b>0</b>	<b>130</b>	<b>Spring</b>	<b>2017</b>

Differential Equations <b>Computer Engineering</b>	Istanbul Sabahattin Zaim University	3	0	110	Spring	2017
Differential Equations <b>Industrial Engineering</b>	Istanbul Sabahattin Zaim University	3	0	27	Spring	2017
Differential Equations <b>Faculty of Engineering</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	0	172	Fall	2017
Calculus I for <b>Architecture</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	0	24	Fall	2017
Linear Algebra (Sec. 1) <b>Faculty of Engineering</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	1	145	Fall	2017
Linear Algebra (Sec. 2) <b>Faculty of Engineering</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	1	72	Fall	2017
Linear Algebra (Sec. 3) <b>Faculty of Engineering</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	1	28	Fall	2017
Differential Equations (Sec. 1) <b>Faculty of Engineering</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	0	115	Spring	2017 - 2018
Diferansiyel Denklemler <b>Mühendislik Fakültesi</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	0	35	Spring	2017 - 2018
Mimarlık İçin Matematik II <b>Mühendislik Fakültesi</b>	<b>ALTINBAŞ UNIVERSITY</b>	3	1	28	Spring	2017 - 2018

- **Computer Skills:**

- ❖ Microsoft Office (Word, Excel and PowerPoint)
- ❖ Matlab, Mathematica, C-Programs
- ❖ LATEX
- ❖ Autocad-Architecture

- **Contact Information:**

- **Address: Altınbaş Üniversitesi Mahmutbey Kampusu Ofis D311  
Dilmenler Cd. Mahmutbey /Bağcılar-İstanbul.**
- **Phone: +90 212 604 01 00 Extension: 4038**
- **Mobile Phone: +90 543 330 7501**
- **E-mail: ahmet.altundag1@altinbas.edu.tr**
- **Web-page: ahmetaltundag.com**

- **REFERENCES**

- **Prof. Dr. Rainer Kress**

Georg August Universität Göttingen (Germany)

[kress@math.uni-goettingen.de](mailto:kress@math.uni-goettingen.de)

+49 551 394511 (Office)

+49 551 394502 (Secretary)

- **Prof. Dr. İbrahim Akduman**

İstanbul Technical University, Faculty of Electronics & Communication.

[akduman@itu.edu.tr](mailto:akduman@itu.edu.tr)

+90 212 285 3681 (Office)

- **Prof. Dr. Ali Yapar**

İstanbul Technical University, Faculty of Electronics & Communication.

[yapara@itu.edu.tr](mailto:yapara@itu.edu.tr)

+90 212 285 3621 (Office)

- **Prof. Dr. Fatma Özdemir**

İstanbul Technical University, Department of Mathematic Engineering.

[fozdemir@itu.edu.tr](mailto:fozdemir@itu.edu.tr)

+90 212 285 3267