

## Curriculum Vitae

**Name:** László Székelyhidi

**Nationality:** Hungarian

**Education:** Lajos Kossuth University, Debrecen, Hungary, 1970-1975

### Scientific qualifications:

1. D.Sc. (given by the Hungarian Academy of Sciences): 1994.
2. M.Sc. (translation in mathematics, English-Hungarian): 1986.
3. Ph.D. (given by the Hungarian Academy of Sciences): 1983.
4. Ph.D. (given by the Kossuth Lajos University, Debrecen, Hungary): 1978.
5. M.Sc. (mathematics): 1975.

### Dissertations:

1. Convolution Type Functional Equations on Topological Abelian Groups (D.Sc. Thesis for the Hungarian Academy of Sciences, 1994)
2. Exponential Polynomials and Functional Equations on Topological Groups (Hungarian, Ph.D. Thesis, 1983)
3. On a Class of Linear Functional Equations (Hungarian, Ph.D. Thesis, 1978)
4. Ergodic Theory and Invariant Measures (Hungarian, M.Sc. Thesis, 1975)

### Employments:

1. Visiting Professor at University of Botswana (2013)
2. Professor at Debrecen University, Debrecen, Hungary (former Lajos Kossuth University, present affiliation)
3. Professor at West Hungarian University, Sopron, Hungary (2006-2009)
4. Visiting Professor at Sultan Qaboos University, Oman (2003–2004)
5. Visiting Professor at Mississippi State University, USA (2002–2003)
6. Visiting Professor at University of Louisville, Louisville, KY, USA (Spring 2002)
7. Professor at Lajos Kossuth University, Debrecen (since 1996)
8. Professor at Janus Pannonius University, Pécs, Hungary (1995-1996)
9. Professor at Kuwait University, Kuwait (1992-1995)

10. Associate Professor at Lajos Kossuth University, Debrecen, Hungary (1988-1994)
11. Assistant Professor at Lajos Kossuth University, Debrecen, Hungary (1982-1988)
12. Lecturer at Lajos Kossuth University, Debrecen, Hungary (1975-1981)

**Teaching experience:** undergraduate, graduate and postgraduate courses in Elementary Mathematics, Calculus I., II., III., Differential Equations, Real Analysis, Complex Function Theory, Calculus of Variations, Measure Theory, Approximation Theory, Functional Analysis, Partial Differential Equations, Theory of Distributions, Integral Transforms, Functional Equations,  $C^*$ -algebras, Abstract Harmonic Analysis, Orthogonal Series (University of Debrecen - former Lajos Kossuth University, Debrecen, University of Botswana, Botswana); Elementary Mathematics, Calculus I., II., III., IV., Complex Function Theory, Linear Algebra, Differential Equations, Real Analysis (Kuwait University, Kuwait); Probability Theory and Statistics, Calculus I., II., III. (Janus Pannonius University, Pécs); Calculus II. (University of Louisville, University of Botswana); Calculus I., III. (Mississippi State University); Precalculus, Calculus I. (Sultan Qaboos University); Multivariate Calculus (West Hungarian University, Sopron, University of Botswana, Botswana); Logic and Set Theory (University of Botswana)

**Research fellowships:**

1. 2.1.1988-9.30.1989 in Hamburg, West Germany, as a research fellow of Alexander von Humboldt Foundation
2. 4.1.1985-9.30.1985 in Bern, Switzerland, as a research fellow of the Swiss National Foundation

**Visiting professorships:**

1. 13.03.2013-12.09.2013 in Botswana, at the Department of Mathematics of the University of Botswana
2. 1.09.2003-30.5.2004 in Sultanate of Oman, at the Department of Mathematics of the Sultan Qaboos University
3. 8.15.2002-5.15.2003 in Mississippi State, MS, USA, at the Department of Mathematics of the Mississippi State University
4. 1.2.2002-5.31.2002 in Louisville, KY, USA, at the Department of Mathematics of the University of Louisville
5. 1.2.1992-30.6.1995 in Kuwait, at the Department of Mathematics of the Kuwait University

6. 5.1.1990-6.30.1990 in Milan, Italy, at the Mathematical Institute of the University of Milan

**Number of publications:** 116 (published), 4 (to appear), 2 (submitted)

**Number of independent citations:** 314 (by 112 authors)

**Monographs:**

1. *Harmonis and Spectral Analysis*, World Scientific Publishing Co. Pte. Ltd., Singapore, 2014.
2. *Functional Equations on Hypergroups*, World Scientific Publishing Co. Pte. Ltd., Singapore, 2012.
3. *Discrete Spectral Synthesis and Its Applications*, Springer Monographs in Mathematics, Springer, Dordrecht, The Netherlands, 2006.
4. *Convolution type functional equations on topological abelian groups*, World Scientific Publishing Co. Pte. Ltd., Singapore, London, Hong Kong, 1991.

**Number of scientific talks:** 132

**Talks at conferences:** 74

**Further talks** (as invited speaker at different institutes): 58

**Prizes, awards:**

1. Academic Prize (Akadémiai Díj), 2006.
2. Széchenyi Professor's Grant (Széchenyi Professzori Ösztöndíj), 1997-1999.
3. György Alexits Prize (Alexits György Díj), 1991.
4. Géza Grünwald Honorary Prize (Grünwald Géza Emlékdíj), 1980.
5. Kató Rényi Prize (Rényi Kató Díj), 1974.

**Research field:** spectral analysis, Fourier-analysis, functional equations on algebraic structures and hypergroups, functional analytical methods in the theory of functional equations, stability

**MSC2000 codes of research interest:** 20N20, 39Axx, 39Bxx, 43A45, 43A60