

CURRICULUM VITAE:**TAMÁS ERDÉLYI**

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Education and Employment:

1980–1985	M.Sc. (Mathematics) Supervisor: J. Szabados	Eötvös L. University, Budapest
1985–1987	Research Assistant	Mathematics Institute, Hungarian Academy of Sciences
1987–1989	Ph.D. (Mathematics) Supervisor: P. Nevai	University of South Carolina
1989–1992	Instructor	The Ohio State University
1992–1993	NSERC International Postdoctoral Fellow Supervisor: P. Borwein	Dalhousie University
1993–1995	NSERC International Postdoctoral Fellow Supervisor: P. Borwein	Simon Fraser University Centre For Experimental and Constructive Mathematics
1995 Spring	Visiting Assistant Professor	The Ohio State University
1995–1996	Assistant Professor	Texas A&M University
1996–1997	Visiting Assistant Professor	University of Copenhagen
1997–2004	Associate Professor	Texas A&M University
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Grants:

1991–1994 National Science Foundation, No. DMS-9024901
1996–2000 National Science Foundation, No. DMS-9623156
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Synergistic Activities:

Editor of Journal of Approximation Theory (1997–).

Editor of Mathematical Inequalities and Applications (1998–).

Editor of Analysis Mathematica (2016–)

Helping Editor of the Problem Session of the Amer. Math. Monthly (2002–2014).

PUBLICATIONS**Tamás Erdélyi****August, 2023**

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Books:

1. P. Borwein & T. Erdélyi, *Polynomials and Polynomial Inequalities*, Springer-Verlag, Graduate Texts in Mathematics, Volume 161, 486 p., New York, NY, 1995.

Book Reviews, etc.:

1. T. Erdélyi, *J. Prolla, Stone-Weierstrass, the Theorem*, Springer-Verlag, J. Approx. Theory **78** (1994), 466.
2. T. Erdélyi & P. Nevai, *Books by George G. Lorentz*, in: Mathematics from Leningrad to Austin, Volume 2, George G. Lorentz' selected works in real, functional, and numerical analysis. With contributions by Tamás Erdélyi, Paul Nevai, Colin Bennett and Hubert Berens. Edited by Rudolph A. Lorentz. Contemporary Mathematicians. Birkhäuser, Boston, Inc., Boston, MA, 1997.
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4. T. Erdélyi, *J. Michael Steele, The Cauchy-Schwarz Master Class*, Cambridge University Press, Cambridge, J. Approx. Theory **134** (2005), 287–289.
5. T. Erdélyi, *Vladimir I. Gurariy & Wolfgang Lusky, Geometry of Müntz Spaces and Related Questions*, Springer, Berlin, 2005, Math. Reviews (2007 g).
6. T. Erdélyi, *P. Komjáth & V. Totik, Problems and Theorems in Classical Set Theory*, Springer, 2006 Springer, Berlin, J. Approx. Theory (2008).

Refereed Conference Proceedings:

1. T. Erdélyi, *Pointwise estimates for derivatives of polynomials with restricted zeros*, in: Haar Memorial Conference, J. Szabados & K. Tandori, Eds., North-Holland, Amsterdam, 1987, pp. 329–343.
2. T. Erdélyi, *The Remez inequality on the size of polynomials*, in: Approximation Theory VI, C.K. Chui, L.L. Schumaker, & J.D. Ward, Eds., Academic Press, Boston, 1989, pp. 243–246.

3. T. Erdélyi, J. Geronimo, P. Nevai, & J. Zhang, *A simple proof of “Favard Theorem” on the unit circle*, in: Proc. Int’l Conf. on Functional Analysis and Approximation Theory, Atti Sem. Mat. Fis. Univ. Modena, XXXIX, 1991, pp. 551–556.
4. P. Borwein & T. Erdélyi, *Müntz’s Theorem on compact subsets of positive measure*, in Approximation Theory, Govil et al. (Eds.), Marcel Dekker, Inc. (1998), 115–131.
5. T. Erdélyi, *Polynomials with Littlewood-type coefficient constraints*, Approximation Theory X: Abstract and Classical Analysis, Charles K. Chui, Larry L. Schumaker, and Joachim Stöckler (Eds.), Vanderbilt University Press, Nashville, TN (2002), 153–196.
6. T. Erdélyi, *Markov-Bernstein type inequalities for polynomials under Erdős-type constraints*, Paul Erdős and his Mathematics I, Bolyai Society Mathematical Studies, 11, Gábor Halász, László Lovász, Dezső Miklós, and Vera T. Sós (Eds.), Springer Verlag, New York (2002), 219–239.
7. T. Erdélyi, *A panorama of Hungarian mathematics in the XXth century: extremal problems for polynomials*, for the volume “A Panorama of Hungarian Mathematics in the XXth Century”, János Horváth (Ed.), Springer Verlag, New York (2005), 119–156.
8. T. Erdélyi, *Inequalities for exponential sums via interpolation and Turán-type reverse Markov inequalities*, Frontiers in Interpolation and Approximation, dedicated to the memory of Ambikeshvar Sharma, Chapman & Hall/CRC, Taylor & Francis, New York, N.K. Govil, H.N. Mhaskar, Ram Mohapatra, Zuhair Nashed, J. Szabados (Eds.) (2006), 119–144.
9. T. Erdélyi, *Newman’s inequality for increasing exponential sums*, Number Theory and Polynomials, Series: London Mathematical Society Lecture Note Series (No. 352), J. McKee and Ch. Smyth (Eds.) (2008).

Published Papers (Refereed Journals):

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11. T. Erdélyi, *Markov-type estimates for derivatives of polynomials of special type*, Acta Math. Hungar. **51** (1988), 421–436.
12. T. Erdélyi & J. Szabados, *On polynomials with positive coefficients*, J. Approx. Theory **54** (1988), 107–122.
13. T. Erdélyi, *Markov-type estimates for the derivatives of constrained polynomials*, Approx. Theory Appl. **4** (1988), 23–33.
14. T. Erdélyi & J. Szabados, *Bernstein-type inequalities for a class of polynomials*, Acta Math. Hungar. **52** (1989), 237–251.
15. T. Erdélyi & J. Szabados, *On trigonometric polynomials with positive coefficients*, Studia Sci. Math. Hungar. **24** (1989), 71–91.
16. T. Erdélyi, *Markov-type estimates for certain classes of constrained polynomials*, Constr. Approx. **5** (1989), 347–356.
17. T. Erdélyi, *Weighted Markov-type estimates for the derivatives of constrained polynomials on $[0, \infty)$* , J. Approx. Theory **58** (1989), 213–231.
18. T. Erdélyi, *A Markov-type inequality for the derivatives of constrained polynomials*, J. Approx. Theory **63** (1990), 321–334.
19. T. Erdélyi, *Markov and Bernstein type inequalities for certain classes of constrained trigonometric polynomials on an interval shorter than the period*, Studia Sci. Math.

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20. T. Erdélyi, *A sharp Remez inequality on the size of constrained polynomials*, J. Approx. Theory **63** (1990), 335–337.
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