LIST OF PUBLICATIONS

Sándor Fridli

[1] Bernstein-type inequalities with respect to the Vilenkin-systems, *Constructive theory of functions, Proc. Int. Conf., Varna/Bulg.*, (1984), 352–355.

[2] Approximáció Vilenkin polinomokkal, (Approximation by Vilenkin polynomials), egyetemi doktori értekezés, ELTE, 1984. (in Hungarian)

[3] On the modulus of continuity with respect to functions defined on Vilenkin groups, *Acta Math. Hung.*, **45(3-4)** (1985), 393–396.

[4] On the Dirichlet kernels and a Hardy space with respect to the Vilenkin system, *Acta Math. Hung.*, **45(1-2)** (1985), 223–234. (with P. Simon)

[5] Representation of functions in the space $\varphi(L)$ by Vilenkin series, *Acta Sci. Math.* (*Szeged*), **48(1-4)** (1985), 143–154. (with V. Ivanov and P. Simon)

[6] On the everywhere divergence of Vilenkin-Fourier series, *Acta Sci. Math.* (*Szeged*), **48(1-4)** (1985), 155–162. (with F. Schipp)

[7] Approximation by Vilenkin-Fourier sums, *Acta Math. Hung.*, **47(1-2)** (1986), 33–44.

[8] Approximation by Vilenkin polynomials, *Ann. Univ. Sci. Bud. Eötvös Sect. Math.*, **28** (1985), 133–141.

[9] A recent survey on some results in the Vilenkin-Fourier analysis, in: *A. Haar memorial conference, Vol. I, II*, Budapest, 1985, Colloq. Math. Soc. János Bolyai, North-Holland, Amsterdam, **49** (1987), 345–358. (with P. Simon)

[10] Tree-martingales, in: *Probability theory and mathematical statistics with applications*, Visegrád, 1985, Reidel, Dordrecht, (1989), 53–63. (with F. Schipp)

[11] Embedding theorems involving dyadic Hardy and VMO spaces, in: *Approximation theory*, Kecskemét, 1990, Colloq. Math. Soc. János Bolyai, North-Holland, Amsterdam, **58** (1991), 287–301.

[12] An inverse Sidon type inequality, *Studia Math.*, **105(3)** (1993), 283–308.

[13] Approximáció elméleti vizsgálatok a diadikus csoporton, (Approximation on the dyadic group), kandidátusi értekezés, 1994. (in Hungarian)

[14] On the rate of convergence and dyadic differentiability of Walsh series, *Journal d'Analyse Mathématique*, **62** (1994), 287–305. (with W.R. Wade)

[15] On the rate of convergence of Cesáro means of Walsh-Fourier series, *J. Approximation Theory*, **76(1)** (1994), 31–53.

[16] Convergence classes of Walsh-Fejér means in homogeneous Banach spaces, —it Festschrift for the 50th birthday of Karl-Heinz Indlekofer. Ann. Univ. Sci. Bud. Rolando Eötvös, Sect. Comput., **14** (1994), 47–59.

[17] An inverse Sidon type inequaliy for the Walsh system, *J. Math. Anal. Appl.*, **193(3)** (1995), 715–736.

[18] Mean convergence of Walsh-Fourier series, *Indian J. Math.*, **37(2)** (1995) 95–101.

[19] Strong summability and Sidon type inequalities, *Acta Sci. Math. (Szeged)*, **60(1-2)** (1995), 277–289. (with F. Schipp)

[20] Integrability and L^1-convergence of trigonometric and Walsh series, *Ann. Univ. Sci. Bud. Rolando Eötvös, Sect. Comput.*, **16** (1996), 149–172.

[21] The uniform BMO-property and the strong summation of partial sums of the Fourier series of a continuous function, *Papers from the Conference on Functional Analysis and Equations of Mathematical Physics dedicated to the eightieth birthday of Selim Grigorevich Kreĭn* , Voronezh. Gos. Univ., Voronezh, (1997), 65–68. (in Russian with V.A. Rodin)

[22] Coefficient condition for L^1-convergence of Walsh-Fourier series, *J. Math. Anal. Appl.*, **210(2)** (1997), 731–741.

[23] Strong summability, approximation and L^1-convergence, *Fourier analysis, approximation theory and applications (Aligarh, 1993)*, New Age, New Delhi, (1997), 77–90.

[24] On the L^1-convergence of Fourier series, *Studia Math.*, **125(2)** (1997), 161–174.

[25] Strong approximation via Sidon type inequalities, *J. Approximation Theory*, **94(2)** (1998), 263–284. (with F. Schipp)

[26] On he integrability of Walsh-Fourier transform, *Math. Pannon.*, **10(1)** (1999), 93–102.

[27] Transition from the dyadic to the real nonperiodic Hardy space, *Acta Math. Acad. Paedagog. Nyházi. (N.S.)*, **16** (2000), 1–8.

[28] Hardy spaces generated by an integrability condition, *J. Approximation Theory*, **113(1)** (2001), 91–109.

[29] Walsh multipliers for dyadic Hardy spaces, *Appl. Anal.*, **82(7)** (2003), 689–700. (with J. Daly)

[30] Translation invariant operators on Hardy spaces over Vilenkin groups, *Acta Math. Acad. Paedagog. Nyházi. (N.S.)*, **20** (2004), 131–140. (with J. Daly)

[31] H^p multipliers on the dyadic field, *Ann. Univ. Sci. Bud. Rolando Eötvös, Sect. Comput.*, **24** (2004), 275–284. (with J. Daly)

[32] Trigonometric multipliers on $H_{2\pi}$, *Can. Math. Bull.*, **48(3)** (2005), 370–381. (with J. Daly)

[33] Applications of Sidon type inequalities, Chapter 8, in *Walsh and Dyadic Analysis, Proceedings of the Workshop, October 18-19, 2007, Niš, Serbia*, Publisher Elektronski fakultet, Niš, (2007), 95–107.

[34] Approximation by Walsh-Nörlund means, *Acta Sci. Math. (Szeged)*, **74(3-4)** (2008), 593–608. (with P. Manchanda, and A.H. Siddiqi)

[35] Hörmander multipliers on two-dimensional dyadic Hardy spaces, *J. Math. Anal. Appl.*, **348(2)** (2008), 977–989. (with J. Daly)

[36] The dual spaces of certain Hardy spaces, *Ann. Univ. Sci. Bud. Rolando Eötvös, Sect. Comput.*, **33** (2010), 123–136. (with J. Daly)

[37] Biorthogonal systems to rational functions, *Ann. Univ. Sci. Bud. Rolando Eötvös, Sect. Comput.*, **35** (2011), 95–105. (with F. Schipp)

[38] Rational Function Systems in ECG Processing, *Lecture Notes in Computer Science,* Springer-Verlag Berlin Heidelberg, **6927** (2011), 88–95. (with L. Lócsi, and F. Schipp)

[39] Rational modeling of multi-lead QRS complexes in ECG signals, *Annales Univ. Sci. Bud. Rolando Eötvös, Sect. Comp.*, **37** (2012), 145–155. (with P. Kovács, L. Lócsi, and F. Schipp)

[40] Sidon-típusú egyenlőtlenségek és alkalmazásaik, (Sidon type inequalities and their applications), Habilitációs értekezés, ELTE, IK, 2013. (in Hungarian)

[41] Rational orthogonal systems on the plane, *Annales Univ. Sci. Bud. Rolando Eötvös, Sect. Comp.*, **39** (2013), 63–77. (with Z. Gilián, and F. Schipp)

[42] Rational Hermite–Fejér interpolation, *Annales Univ. Sci. Bud. Rolando Eötvös, Sect. Comp.*, **40** (2013) , 233–244. (with Z. Gilián, and F. Schipp)

[43] On integrability and strong summability of Walsh–Kaczmarz series, *Anal. Math.*, **40** (2014), 197–214.

[44] Trigonometrikus és Walsh-sorokkal kapcsolatos vizsgálatok, (Investigation of trigonometric and Walsh series), MTA Doktori értekezés, 2014. (in Hungarian)

[45] Trigonometric multipliers on real periodic Hardy spaces, *Monatsh. Math.*, **176(4)** (2015), 539–552.

[46] On the integrability of dyadic maximal Walsh series, *Acta Sci. Math. (Szeged)*, **81(3-4)** (2015), 561–574.

[47] Dyadic derivative, summation, approximation, in "Dyadic Walsh Analysis from 1924 Onwards Walsh-Gibbs-Butzer Dyadic Differentiation in Science," Volume 1 Foundations, Paris, Atlantis Press, (2015), 209–234. (with F. Schipp)

[48] *Dyadic Walsh Analysis from 1924 Onwards Walsh-Gibbs-Butzer Dyadic Differentiation in Science,* Volume 1 Foundations Paris: Atlantis Press, 2015. 479 p. (Atlantis Studies in Mathematics for Engineering and Science; 12.) (with R.S. Stankovic, P. Butzer, F. Schip, W.R. Wade, W. Su, Y. Endow, B.I. Golubov, F. Pichler)
ISBN: 978-94-6239-159-8

[49] *Dyadic Walsh Analysis from 1924 Onwards Walsh-Gibbs-Butzer Dyadic Differentiation in Science,* Volume 2 Extensions and Generalizations, Paris: Atlantis Press, 2015. 378 p. (Atlantis Studies in Mathematics for Engineering and Science; 13.) (with R.S. Stankovic, P. Butzer, F. Schip, W.R. Wade, W. Su, Y. Endow, B.I. Golubov, F. Pichler)
ISBN: 978-94-6239-162-8

[50] Heartbeat Classification of ECG Signals Using Rational Function Systems, *Computer Aided Systems Theory EUROCAST 2017, Lecture Notes in Computer Science*, Springer, 2017, 187–195. (with G. Bognár)