

LIST OF PUBLICATIONS

Ferenc Weisz

Books

- [b1] *Martingale Hardy Spaces and Their Applications in Fourier Analysis*, Lecture Notes in Math. vol. 1568, Berlin, Heidelberg, New York: Springer, Berlin 1994, 217 pp.
- [b2] *Summability of Multi-Dimensional Fourier Series and Hardy Spaces*, Mathematics and Its Applications, Kluwer Academic Publishers, Dordrecht, Boston, London. 2002, 350 pp.
- [b3] *Summability of Multi-Dimensional Trigonometric Fourier Series*, Surveys in Approximation Theory (SAT), **7** (2012), 1–179.
- [b4] *Convergence and Summability of Fourier Transforms and Hardy Spaces*, Applied and Numerical Harmonic Analysis, Springer, Birkhäuser, Basel, 2017, 446 pp.
- [b5] *Lebesgue Points and Summability of Higher Dimensional Fourier Series*, Applied and Numerical Harmonic Analysis. Springer, Birkhäuser, Basel, 2021, 303 pp.
- [b6] *Martingale Hardy Spaces and Summability of One-Dimensional Vilenkin–Fourier Series*, Springer, Birkhäuser, Basel. 2022, 633 pp. (with L.E. Persson and G. Tepnadze)

Papers published by international journals

- [1] Convergence of singular integrals, *Annales Univ. Sci. Budapest., Sect. Math.*, **32** (1989), 243–256.
- [2] Martingale Hardy spaces, *BMO* and *VMO* spaces with nonlinearly ordered stochastic basis, *Anal. Math.*, **16** (1990), 227–239.
- [3] Dyadic martingale Hardy and *VMO* spaces on the plane, *Acta Math. Hungar.*, **56** (1990), 143–154.

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- [4] Martingale Hardy spaces for $0 < p \leq 1$, *Probab. Th. Rel. Fields.*, **84** (1990), 361–376.
 - [5] On duality problems of two-parameter martingale Hardy spaces, *Bull. Sc. Math.*, **114** (1990), 395–410.
 - [6] Interpolation between two-parameter martingale Hardy spaces, the real method, *Bull. Sc. Math.*, **115** (1991), 253–264.
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 - [9] Interpolation between martingale Hardy and BMO spaces, the real method, *Bull. Sc. Math.*, **116** (1992), 145–158.
 - [10] Conjugate martingale transforms, *Studia Math.*, **103** (1992), 207–220.
 - [11] An application of two-parameter martingales in harmonic analysis, *Studia Math.*, **107** (1993), 115–126.
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 - [13] Hardy spaces of predictable martingales, *Anal. Math.*, **20** (1994), no. 3, 225–233.
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 - [15] The asymptotic behaviour of local times and occupation integrals of the N -parameter Wiener process in \mathbb{R}^d , *Probab. Th. Rel. Fields*, **98** (1994), 47–76. (with P. Imkeller)
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 - [17] A new martingale equivalence theorem, *Annales Univ. Sci. Budapest., Sect. Math.*, **38** (1995), 39–46.
 - [18] Interpolation between continuous parameter martingale spaces, the real method, *Acta Math. Hungar.*, **68** (1995), 37–54.
 - [19] Strong summability of two-dimensional Walsh–Fourier series, *Acta Sci. Math. (Szeged)*, **60** (1995), 779–803.
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- [26] Two-parameter Hardy-Littlewood inequalities, *Studia Math.*, **118** (1996), 175–184.
- [27] Cesàro summability of one- and two-dimensional Walsh–Fourier series, *Anal. Math.*, **22** (1996), 229–242.
- [28] Some maximal inequalities with respect to two-parameter dyadic derivative and Cesàro summability. *Applic. Anal.*, **62** (1996), 223–238.
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- [31] Strong summability of two-dimensional trigonometric-Fourier series, *Annales Univ. Sci. Budapest., Sect. Comp.*, **16** (1996), 391–406.
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