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BiBTeX-File **feimathsc.bib**, 50 most recent publications of Hans G. Feichtinger as listed in MATHSCINET as of March 18th, 2003.

References

- [1] Hans G. Feichtinger. Spline-type spaces in Gabor analysis. In *Wavelet analysis (Hong Kong, 2001)*, volume 1 of *Ser. Anal.*, pages 100–122. World Sci. Publishing, River Edge, NJ, 2002.
- [2] Monika Dörfler, Hans G. Feichtinger, and Karlheinz Gröchenig. Compactness criteria in function spaces. *Colloq. Math.*, 94(1):37–50, 2002.
- [3] Hans G. Feichtinger and Georg Zimmermann. An exotic minimal Banach space of functions. *Math. Nachr.*, 239/240:42–61, 2002.
- [4] F. De Mari, H. G. Feichtinger, and K. Nowak. Uniform eigenvalue estimates for time-frequency localization operators. *J. London Math. Soc. (2)*, 65(3):720–732, 2002.
- [5] H. G. Feichtinger and K. Nowak. A Szegő-type theorem for Gabor-Toeplitz localization operators. *Michigan Math. J.*, 49(1):13–21, 2001.
- [6] H. G. Feichtinger and A. J. E. M. Janssen. Validity of WH-frame bound conditions depends on lattice parameters. *Appl. Comput. Harmon. Anal.*, 8(1):104–112, 2000.
- [7] Akram Aldroubi and Hans Feichtinger. Exact iterative reconstruction algorithm for multivariate irregularly sampled functions in spline-like spaces: the L^p -theory. *Proc. Amer. Math. Soc.*, 126(9):2677–2686, 1998.
- [8] Hans G. Feichtinger and K. Gröchenig. Gabor frames and time-frequency analysis of distributions. *J. Funct. Anal.*, 146(2):464–495, 1997.
- [9] Hans G. Feichtinger and Werner Kozek. Quantization of TF lattice-invariant operators on elementary LCA groups. In *Gabor analysis and algorithms*, Appl. Numer. Harmon. Anal., pages 233–266. Birkhäuser Boston, Boston, MA, 1998.

- [10] Hans G. Feichtinger and Georg Zimmermann. A Banach space of test functions for Gabor analysis. In *Gabor analysis and algorithms*, Appl. Numer. Harmon. Anal., pages 123–170. Birkhäuser Boston, Boston, MA, 1998.
- [11] Hans G. Feichtinger and Thomas Strohmer, editors. *Gabor analysis and algorithms*. Applied and Numerical Harmonic Analysis. Birkhäuser Boston Inc., Boston, MA, 1998. Theory and applications.
- [12] Hans G. Feichtinger. Amalgam spaces and generalized harmonic analysis. In *Proceedings of the Norbert Wiener Centenary Congress, 1994 (East Lansing, MI, 1994)*, volume 52 of *Proc. Sympos. Appl. Math.*, pages 141–150, Providence, RI, 1997. Amer. Math. Soc.
- [13] Hans G. Feichtinger, Karlheinz Gröchenig, and Thomas Strohmer. Efficient numerical methods in non-uniform sampling theory. *Numer. Math.*, 69(4):423–440, 1995.
- [14] Hans G. Feichtinger and Karlheinz Gröchenig. Error analysis in regular and irregular sampling theory. *Appl. Anal.*, 50(3-4):167–189, 1993.
- [15] Hans G. Feichtinger and Karlheinz Gröchenig. Theory and practice of irregular sampling. In *Wavelets: mathematics and applications*, Stud. Adv. Math., pages 305–363. CRC, Boca Raton, FL, 1994.
- [16] H. G. Feichtinger, K. Gröchenig, and D. Walnut. Wilson bases and modulation spaces. *Math. Nachr.*, 155:7–17, 1992.
- [17] H. G. Feichtinger and K. Gröchenig. Nonorthogonal wavelet and Gabor expansions, and group representations. In *Wavelets and their applications*, pages 353–375. Jones and Bartlett, Boston, MA, 1992.
- [18] Hans G. Feichtinger and Karlheinz Gröchenig. Gabor wavelets and the Heisenberg group: Gabor expansions and short time Fourier transform from the group theoretical point of view. In *Wavelets*, volume 2 of *Wavelet Anal. Appl.*, pages 359–397. Academic Press, Boston, MA, 1992.
- [19] Hans G. Feichtinger and Karlheinz Gröchenig. Irregular sampling theorems and series expansions of band-limited functions. *J. Math. Anal. Appl.*, 167(2):530–556, 1992.

- [20] Hans G. Feichtinger. Wiener amalgams over Euclidean spaces and some of their applications. In *Function spaces (Edwardsville, IL, 1990)*, volume 136 of *Lecture Notes in Pure and Appl. Math.*, pages 123–137. Dekker, New York, 1992.
- [21] Hans G. Feichtinger. New results on regular and irregular sampling based on Wiener amalgams. In *Function spaces (Edwardsville, IL, 1990)*, volume 136 of *Lecture Notes in Pure and Appl. Math.*, pages 107–121. Dekker, New York, 1992.
- [22] Hans G. Feichtinger and Karlheinz Gröchenig. Iterative reconstruction of multivariate band-limited functions from irregular sampling values. *SIAM J. Math. Anal.*, 23(1):244–261, 1992.
- [23] Hans G. Feichtinger. Discretization of convolution and reconstruction of band-limited functions from irregular sampling. In *Progress in approximation theory*, pages 333–345. Academic Press, Boston, MA, 1991.
- [24] Hans G. Feichtinger. An elementary approach to the generalized Fourier transform. In *Topics in mathematical analysis*, volume 11 of *Ser. Pure Math.*, pages 246–272. World Sci. Publishing, Teaneck, NJ, 1989.
- [25] Hans G. Feichtinger. Generalized amalgams, with applications to Fourier transform. *Canad. J. Math.*, 42(3):395–409, 1990.
- [26] Hans G. Feichtinger and A. Turan Gürkanlı. On a family of weighted convolution algebras. *Internat. J. Math. Math. Sci.*, 13(3):517–525, 1990.
- [27] Hans G. Feichtinger. Coherent frames and irregular sampling. In *Recent advances in Fourier analysis and its applications (Il Ciocco, 1989)*, volume 315 of *NATO Adv. Sci. Inst. Ser. C Math. Phys. Sci.*, pages 427–440. Kluwer Acad. Publ., Dordrecht, 1990.
- [28] Hans G. Feichtinger and K. H. Gröchenig. Banach spaces related to integrable group representations and their atomic decompositions. II. *Monatsh. Math.*, 108(2-3):129–148, 1989.
- [29] Hans G. Feichtinger and K. H. Gröchenig. Banach spaces related to integrable group representations and their atomic decompositions. I. *J. Funct. Anal.*, 86(2):307–340, 1989.

- [30] Hans G. Feichtinger and Karlheinz Gröchenig. Multidimensional irregular sampling of band-limited functions in L^p -spaces. In *Multivariate approximation theory, IV (Oberwolfach, 1989)*, volume 90 of *Internat. Ser. Numer. Math.*, pages 135–142. Birkhäuser, Basel, 1989.
- [31] Hans G. Feichtinger. Atomic characterizations of modulation spaces through Gabor-type representations. *Rocky Mountain J. Math.*, 19(1):113–125, 1989. Constructive Function Theory—86 Conference (Edmonton, AB, 1986).
- [32] Hans G. Feichtinger. An elementary approach to Wiener’s third Tauberian theorem for the Euclidean n -space. In *Symposia Mathematica, Vol. XXIX (Cortona, 1984)*, *Sympos. Math.*, XXIX, pages 267–301. Academic Press, New York, 1987.
- [33] Hans G. Feichtinger and Karlheinz Gröchenig. A unified approach to atomic decompositions via integrable group representations. In *Function spaces and applications (Lund, 1986)*, volume 1302 of *Lecture Notes in Math.*, pages 52–73. Springer, Berlin, 1988.
- [34] Hans G. Feichtinger. Minimal Banach spaces and atomic representations. *Publ. Math. Debrecen*, 34(3-4):231–240, 1987.
- [35] H. G. Feichtinger and W. Schachermayer. Local nonfactorization of functions on locally compact groups. *Arch. Math. (Basel)*, 49(1):72–78, 1987.
- [36] Hans G. Feichtinger. Banach spaces of distributions defined by decomposition methods. II. *Math. Nachr.*, 132:207–237, 1987.
- [37] Hans G. Feichtinger and M. Leinert. Individual factorization in Banach modules. *Colloq. Math.*, 51:107–117, 1987.
- [38] W. Braun and H. G. Feichtinger. Banach spaces of distributions with double module structure and twisted convolution. In *A. Haar memorial conference, Vol. I, II (Budapest, 1985)*, volume 49 of *Colloq. Math. Soc. János Bolyai*, pages 225–246. North-Holland, Amsterdam, 1987.
- [39] H. G. Feichtinger and H.-J. Schmeisser. Weighted versions of Beurling’s Tauberian theorem. *Math. Ann.*, 275(3):353–363, 1986.
- [40] Hans G. Feichtinger and Peter Gröbner. Banach spaces of distributions defined by decomposition methods. I. *Math. Nachr.*, 123:97–120, 1985.

- [41] Hans G. Feichtinger. Compactness in translation invariant Banach spaces of distributions and compact multipliers. *J. Math. Anal. Appl.*, 102(2):289–327, 1984.
- [42] Hans G. Feichtinger. Banach spaces of distributions having a pointwise and a convolutive module structure. In *Topics in modern harmonic analysis, Vol. I, II (Turin/Milan, 1982)*, pages 1039–1054. Ist. Naz. Alta Mat. Francesco Severi, Rome, 1983.
- [43] H. G. Feichtinger. Banach convolution algebras of Wiener type. In *Functions, series, operators, Vol. I, II (Budapest, 1980)*, volume 35 of *Colloq. Math. Soc. János Bolyai*, pages 509–524. North-Holland, Amsterdam, 1983.
- [44] H. G. Feichtinger. Strong almost periodicity and Wiener type spaces. In *Constructive function theory '81 (Varna, 1981)*, pages 321–327. Publ. House Bulgar. Acad. Sci., Sofia, 1983.
- [45] W. Braun and Hans G. Feichtinger. Banach spaces of distributions having two module structures. *J. Funct. Anal.*, 51(2):174–212, 1983.
- [46] H. G. Feichtinger. A compactness criterion for translation invariant Banach spaces of functions. *Anal. Math.*, 8(3):165–172, 1982.
- [47] Hans G. Feichtinger. Banach spaces of distributions of Wiener's type and interpolation. In *Functional analysis and approximation (Oberwolfach, 1980)*, volume 60 of *Internat. Ser. Numer. Math.*, pages 153–165. Birkhäuser, Basel, 1981.
- [48] Hans G. Feichtinger. On a new Segal algebra. *Monatsh. Math.*, 92(4):269–289, 1981.
- [49] Hans G. Feichtinger. Gewichtsfunktionen auf lokalkompakten Gruppen. *Österreich. Akad. Wiss. Math.-Natur. Kl. Sitzungsber. II*, 188(8-10):451–471, 1979.
- [50] Hans G. Feichtinger. A characterization of minimal homogeneous Banach spaces. *Proc. Amer. Math. Soc.*, 81(1):55–61, 1981.