

Lectures

- a. *Wavelet sets and the connectivity of MSF wavelets*, Informal Regional Functional Analysis Seminar, San Antonio, November, 1994. (1 hour)
- b. *Construction of wavelets in R^n* , Wabash Analysis Conference, Indianapolis, September, 1995. (30 minutes)
- c. *Construction of wavelets in R^n* , Geometry of Banach Spaces Conference, Berkeley, March, 1996. (30 minutes)
- d. *On the connectivity of MSF wavelets*, Wavelets, Operators and Applications Conference, Charlotte, July, 1996. (30 minutes)
- e. *Banach spaces failing the almost isometric universal extension property*, Informal Regional Functional Analysis Seminar, College Station, TX, August, 1996. (30 minutes)
- f. *Banach spaces failing the almost isometric universal extension property*, Special Session on Banach spaces, AMS Central Regional Meeting, Columbia, MO, November, 1996. (30 minutes)
- g. *MSF wavelets in one and several dimensions*, Wavelet Seminar, Washington University in Saint Louis, November, 1996. (1 hour)
- h. *Single function wavelets in R^n* , Special Session on Wavelets, Joint Meetings of the AMS/MAA, San Diego, January, 1997. (30 minutes)
- i. *Smooth, single function wavelets*, Special Session on Banach space theory, AMS regional meeting in Atlanta, October, 1997. (30 minutes)
- j. *Continuous selections of representing measures*, SLU analysis seminar, 1998. (3 hour long talks)
- k. *Smoothing MSF wavelets in the plane*, Wavelet and transference seminar, Washington University, 1998. (1 hour)
- l. *Tilings: from dominoes and chessboards to similtilings of the plane*, Illinois College, 1998. (1 hour)
- m. *Minimally supported frequency (MSF) wavelets*, Departement Wiskunde Colloquium, University of Stellenbosch, Stellenbosch, South Africa, June, 1998. (1 hour)
- n. *Completeness in the set of wavelets*, Summer informal regional functional analysis seminar, College Station, TX, July, 1998. (30 minutes)
- o. *Applications of a characterization of wavelets via their Fourier transforms*, Wabash Extramural Modern Analysis Miniconference, IUPUI, Indianapolis, October, 1998. (1 hour)
- p. *Examining wavelets via their Fourier transforms*, Analysis Seminar, Saint Louis University, October, 1998. (1 hour)
- q. *An MSF wavelet with unbounded dimension function*, Wavelet Seminar, Washington University in Saint Louis, November, 1998. (1 hour)

- r. *Completeness in the set of wavelets*, Special Session on the Functional and Harmonic Analysis of Wavelets, joint AMS/MAA national meeting, San Antonio, January, 1999. (30 minutes)
- s. *Almost arbitrarily strange Banach spaces*, Seminar on the work of Fields Medalists, Saint Louis University, March, 1999. (1 hour)
- t. *On the behavior of the Fourier transform of wavelets at points other than the origin*, Wavelet Seminar, Washington University in Saint Louis, March, 1999. (1 hour)
- u. *On the dimension function of orthonormal wavelets*, Wavelet Seminar, Washington University in Saint Louis, October, 1999. (30 minutes; co-authors also spoke for 1 hour and 30 minutes)
- v. *The Dvoretzky-Roger's Theorem*, Analysis Seminar, Saint Louis University, November, 1999. (1 hour)
- w. *The support of the Fourier transform of wavelets, t_q and all that*, Wavelet Seminar, Washington University in Saint Louis, January, 2000. (1 hour)
- x. *Smoothing the analog of the Shannon wavelet for arbitrary integral expansive matrices of determinant 2*, Wavelet Seminar, Washington University in Saint Louis, April, 2000. (1 hour)
- y. *Meyer type wavelet bases in R^2* , Special Session on The Functional and Harmonic Analysis of Wavelets, Regional Meeting of the AMS, San Francisco, CA, October, 2000. (20 minutes)
- z. *Meyer type wavelet bases in R^2* , Tenth International Conference on Approximation Theory, Saint Louis, MO, March, 2001. (20 minutes)
- aa. *The study of wavelets via the Fourier transform*, Analysis Seminar, University of Michigan, Ann Arbor, November, 2001. (1 hour). Support provided by Marcin Bownik.
- bb. *MSF wavelets for non-expansive dilations*, Wavelet Seminar, Washington University in Saint Louis, January, 2002. (1 hour)
- cc. *Wavelets with respect to non-expansive dilations* SUMIRFAS/Concentration Week, Texas A&M University, July, 2002. (2 hours)
- dd. *Wavelets with respect to non-expansive dilations* Special Session on The Functional and Harmonic Analysis of Wavelets, Frames and Their Applications, Sectional Meeting of the AMS, Orlando, FL, November, 2002. (20 minutes)
- ee. *Meyer type wavelets in R^2* , Analysis Seminar, University of Maryland, College Park, November, 2002. (1 hour). (Support provided by John Benedetto.)
- ff. *On a problem of Daubechies*, Universitat Autònoma de Barcelona, Barcelona, Spain, June, 2003. (Support provided by Julià Cufí.)
- gg. *Fourier constructions of wavelets*, Functional Analysis VII, Dubrovnik, Croatia. June, 2003. (2 hours).