

Meeting: 999, Nashville, Tennessee, SS 2A, Special Session on Wavelets, Frames, and Sampling

999-47-14 **Palle Jorgensen*** (jorgen@math.uiowa.edu), Math, mlh, University of Iowa, IA 52242. *Wavelet bases on Julia sets.*

We show how to construct wavelet bases in Hilbert spaces built on Julia sets. (Received June 12, 2004)