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**Dorin Dutkay\*** (ddutkay@gmail.com), Oviedo, FL 32765, and **John Haussermann**. *Tiling and scaling properties of spectra of fractals.*

We present some recent results on the tiling properties of the Fourier frequencies associated to a Fourier basis for a fractal measure and some number theoretic questions related to the spectra of the Jorgensen-Pedersen Cantor set. (Received January 11, 2015)