1120-42-48 **Dorin Ervin Dutkay*** (ddutkay@gmail.com) and **Chun Kit Lai**. Fourier series on self-affine measures.

We show how orthonormal bases of exponential functions (Fourier series) can be constructed for some invariant measures of affine iterated function systems associated to Hadamard pairs. (Received February 04, 2016)