

1058-42-205

Eric S Weber* (esweber@iastate.edu), Department of Mathematics, 396 Carver Hall, Ames, IA 50010. *Exponential Frames and Bases on the Cantor-3 set.*

Exponential bases on the Cantor-4 set considered by Jorgensen and Pedersen can be constructed in an iterative scale-by-scale manner. We discuss the possibility of doing so for frames or bases on the Cantor-3 set. (Received February 15, 2010)