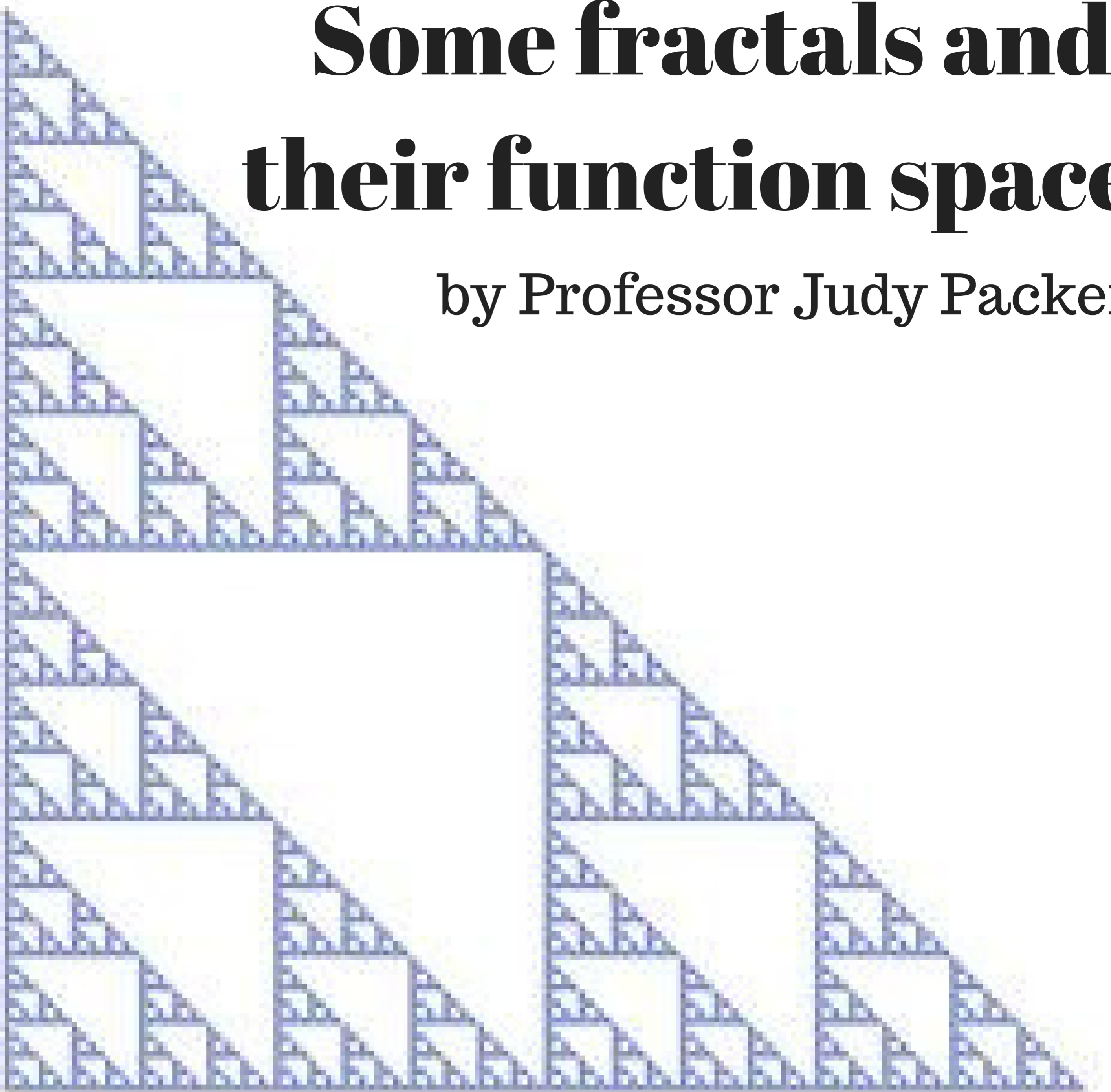# Some fractals and their function spaces

by Professor Judy Packer

I will give a little background about fractal spaces, including information on Hausdorff dimension and Hausdorff measure, with an emphasis on fractals constructed using iterated function systems. I will also discuss ways of decomposing the function space of square integrable functions on the Cantor set by starting from just three functions on that set that reflect the fractal nature of the Cantor set.

presented by CU Math Club

MARCH 15 AT 5PM IN MATH 350