1099-13-269 **Daniel J. Hernández** and **Pedro Teixeira*** (`pteixeir@knox.edu`). *Syzygy gap fractals and F-threshold functions.* Preliminary report.

We examine F-thresholds of families of polynomials constructed with fixed "building blocks". When those building blocks are linear forms in two variables, structural results for syzygy gap fractals lead to a description of certain F-thresholds of homogenous polynomials (possibly under a non-standard grading) in two variables and yield a method for their explicit computation. (Received February 10, 2014)