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Elizabeth D Russell* (erussell@math.bu.edu), Department of Mathematics, Boston University, 111 Cummington St, Boston, MA 02215. *A Generalized Version of the McMullen Domain.*

We study the dynamics of a family of complex rational maps, generalizing a result by McMullen. We will be especially concerned with the topological structure of the Julia set of such a map. (Received January 20, 2008)