JEREMY KAHN, Stony Brook University, Stony Brook, NY *Bounds for bounded-primitive type*

We say that an infinitely renormalizable quadratic polynomial $z \mapsto z^2 + c$ has bounded-primitive type if the ratio between consecutive primitive renormalization times is bounded. We prove the *a priori* bounds for bounded-primitive type maps, which establishes the local connectivity of the Mandelbrot set at the corresponding parameter values.