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Marius Ionescu, Annapolis, MD, **Kasso Okoudjou*** (kasso@mit.edu), MIT, Department of Mathematics, Cambridge, MA , and **Luke Rogers**, CT. *The strong maximum principle for Schrödinger operators on PCF fractals*. Preliminary report.

Let Δ be the standard self-similar Laplacian on a PCF fractal K . We consider the associated Schrödinger operator $L = -\Delta + a$ where $a \geq 0$ on K . We prove a number of Maximal Principles for L for a in various function classes. (Received September 23, 2018)