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**Michel L. Lapidus, Machiel van Frankenhuysen and Edward K. Voskanian\***  
(voskanie@tcnj.edu). *Complex dimensions and an implementation of lattice approximation using the LLL algorithm.* Preliminary report.

Using a well known lattice basis reduction algorithm to implement lattice approximation, as suggested by Lapidus and van Frankenhuysen in several papers and books on complex dimensions, the quasiperiodic structure of the sets of complex dimensions of nonlattice self-similar fractal strings are explored. (Received August 30, 2019)