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Matthias Goerner* (enischte@gmail.com), 1 Kelton Ct, 8G, Oakland, CA 94611. *SnapPy, raytracing and verified computations.*

I will give a brief introduction to SnapPy, a software to study hyperbolic 3-manifolds, and demo some features I added recently, such as the raytraced inside view of a hyperbolic 3-manifold and verified computations of, e.g., the complex volume and the maximal cusp area matrix. (Received March 02, 2020)