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Saul Schleimer and **Henry Segerman*** (segerman@math.okstate.edu). *Squares that Look Round: Transforming Spherical Images.*

We propose Möbius transformations as the natural rotation and scaling tools for editing spherical images. As an application we produce spherical Droste images. We obtain other self-similar visual effects using rational functions, elliptic functions, and Schwarz-Christoffel maps. (Received September 02, 2016)