1062-30-77 Edward Taylor* (ectaylor@wesleyan.edu), P.O. Box 1327, Norwich, VT 05055, and Petra Bonfert-Taylor, Gaven Martin and Alan Reid. Recent results on the strong quasiconformal homogeneity of surfaces.

We will discuss geometric and analytic properties of strongly quasiconformally homogeneous surfaces, including the derivation of a sharp lower bound (strictly greater than one) of the homogeneity constant of such a surface. (Received July 27, 2010)