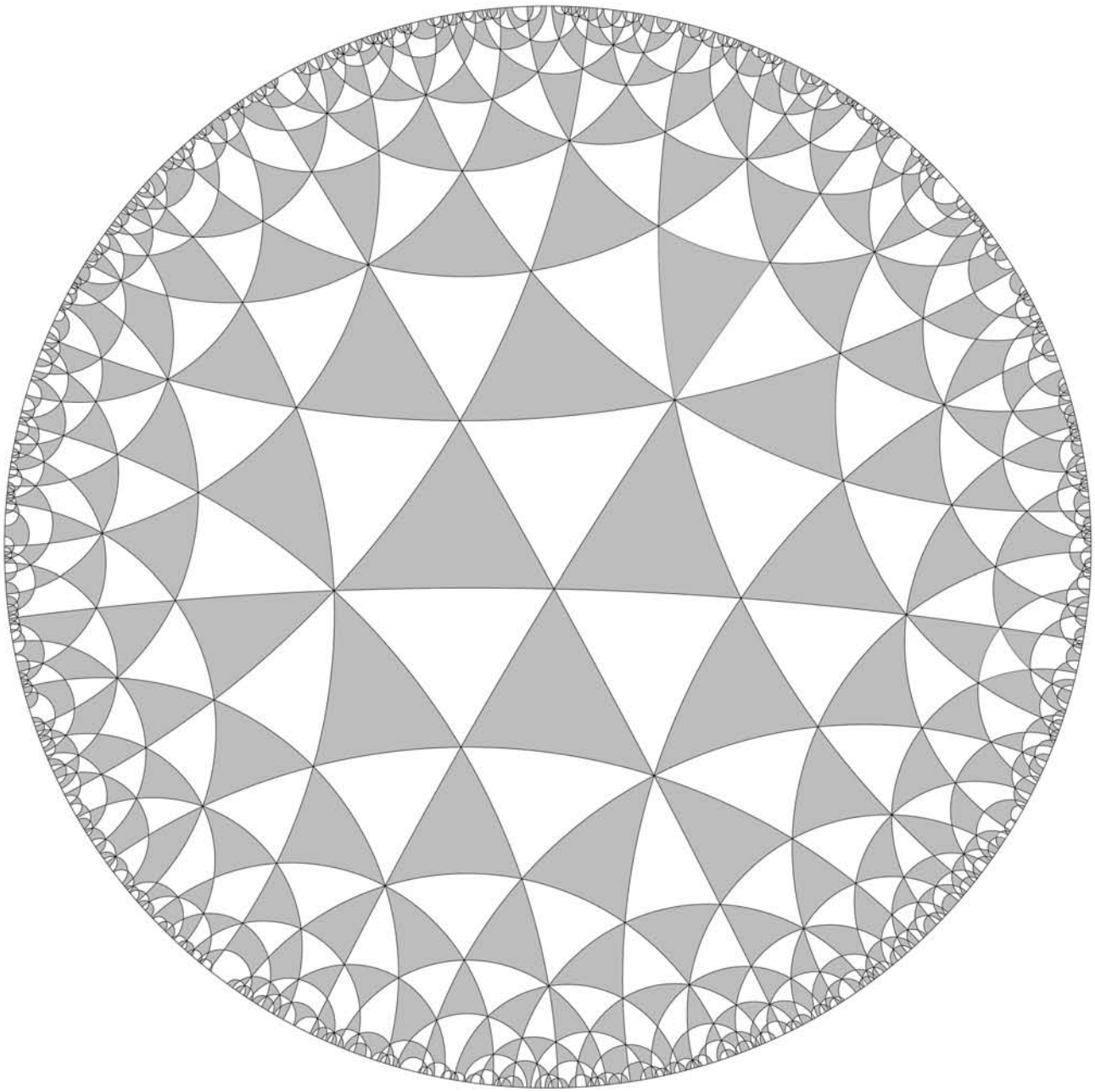
$$G(3,3,4) = \langle r, s, t \,:\, r^3, s^3, t^4, rst \rangle$$



Each gray triangle has angles 60°, 60°, 45°
and is a fundamental region for $G(3,3,4)$,
the group of reflections in the hyperbolic plane
generated by three rotations r, s, t through angles 120°, 120°, 90° respectively,
about the vertices of one triangle.

$$G(4,4,6) = \langle r, s, t \,:\, r^4, s^4, t^6, rst \rangle$$