999-57-231 **Anne Garrison** and **Richard Scott*** (`rscott@math.scu.edu`). *Small covers of regular right-angled hyperbolic polytopes.*

Let P be a right-angled regular polytope in hyperbolic n-space $\mathbf{H}^n$ and let W be the group generated by reflections across the codimension-one faces of P. We show that if Γ is a torsion free subgroup of minimal index in W, then the hyperbolic manifold $M = \mathbf{H}^n/\Gamma$ is uniquely determined up to isometry by Γ modulo symmetries of P. In particular, we show that there are exactly 25 such manifolds when P is a dodecahedron. (Received August 24, 2004)