

Minimality properties of hyperbolic Coxeter orbifolds

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Hyperbolic Coxeter n -orbifolds are quotient spaces of H^n by discrete groups generated by finitely many reflections. They are distinguished by various minimality properties. A famous example is H^2 modulo the triangle group $(2,3,7)$ which has minimal volume among ALL hyperbolic 2-orbifolds. We shall discuss similar minimality properties beyond the planar case.