

The Gauss-Bonnet theorem for cone manifolds and volumes of moduli spaces
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It is a remarkable fact, due to Picard, Deligne-Mostow and Thurston, that the moduli space $M_{\{0,n\}}$ of n -tuples of points on the Riemann sphere is a complex hyperbolic manifold. We will discuss the computation of its volume via the general theory of cone manifolds.