

1017-55-155

**Satyan L Devadoss\*** ([satyan.devadoss@williams.edu](mailto:satyan.devadoss@williams.edu)). *Moduli spaces and Coxeter operads.*

We look at natural generalizations of the real moduli space of Riemann spheres. They inherit a tiling by the graph-associahedra convex polytopes. Based on explicit configuration space models of classical Coxeter complexes, a compactification of these spaces is described and then used to demonstrate an underlying Coxeter operad structure. (Received February 20, 2006)