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Deformation space of Kleinian groups

We study the topology of the analogous of the Teichmüller space for 3-dimensional hyperbolic manifolds with boundary. Consider the set of faithful discrete representations (in the group of isometries of the 3-dimensional hyperbolic space) of a Kleinian group. Several topologies have been defined on this space and they give it different shapes. We will discuss some recent and less-recent works that help us understand these shapes.