

Vladimir Markovic: Biholomorphic maps between Teichmüller spaces.

Abstract: One classical problem in Teichmüller theory is to classify biholomorphic maps between Teichmüller spaces, and in particular to describe the group of automorphisms of a given Teichmüller space. Royden has shown that the group of automorphisms of a given finite dimensional Teichmüller spaces (that is not of exceptional type) is naturally isomorphic to the corresponding Mapping class group. In this talk I will describe this problem and outline the proof of the classification theorem for all Teichmüller spaces.