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When does an analytic map from Teichmueller space to itself have a fixed point?

Determining the existence of fixed points for analytic maps of Teichmueller space to itself plays a prominent role in the study of conformal geometry and dynamics. It serves as a framework for proving 'geometrization' theorems, an important example of which is Thurston's topological characterization of post-critically finite rational maps. In this talk we will address the question of existence of fixed points for analytic self-maps on complex domains and show that under some mild conditions on the geometry of the domain any analytic map with a bounded orbit must have a fixed point. This applies, in particular, to all finite dimensional Teichmueller spaces. (Received September 17, 2013)