



Steven G. KRANTZ (sk@math.wustl.edu), Department of Mathematics, Washington University, St. Louis, MO 63130, USA, *Fixed points of holomorphic mappings.*

ABSTRACT. We study the number of fixed points that a conformal mapping of a domain in the plane, or a biholomorphic mapping of a domain in n -dimensional complex space, can have. The principal technique is to use Bergman geometry, particularly the geometry of geodesics. A number of theorems and also counterexamples will be provided. This is joint work with Buma Fridman, Kang-Tae Kim, and Daowei Ma.