

1118-30-82

**Malik Younsi\***, malik.younsi@gmail.com. *Removability, rigidity of circle domains and Koebe's Conjecture.*

As observed by He and Schramm in the '90s, conformally removable sets appear naturally in the study of the famous Koebe Uniformization Conjecture on the conformal representation of planar domains by circle domains. More precisely, He and Schramm conjectured that the conformal rigidity of a circle domain is equivalent to the conformal removability of its boundary. In this talk, I will present some new results on this conjecture. The proofs involve deformation of Schottky groups by David homeomorphisms. (Received January 23, 2016)