Fall 2010

Math 595 UCA*
Uniformization and Rigidity in Complex Analysis

11-12:20 TR, 168 Everitt

Instructor: Sergiy Merenkov

Course description: I plan to discuss classical and more modern uniformization and rigidity results that include the Riemann mapping theorem as well as results of the last two decades on Koebe conjecture and circle packings. For the latter (Koebe conjecture and circle packings) I will mostly follow the early works of Oded Schramm.


*This is a second eight week course which meets October 18, 2010 through December 8, 2010.