Analysis and Differential Geometry Seminar

Conformal invariants of Jordan domains

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Abstract: Several conformal invariants will be introduced for Jordan domains in connection with the theory of quasiconformal mappings. These invariants (including reflection constant and quasi-circle constant) capture certain geometric feature of Jordan domains. We will discuss how they are related and how to estimate the values of these constants for certain domains such as ellipses and rectangles.

Tuesday, September 21, 2010, 4:00 pm
Mathematics and Science Center: W301

Mathematics and Computer Science
Emory University