

1099-30-391

Kouros Tavakoli* (ktavakoli@okcu.edu). *On Analytic Complex Functions, Iterations, and Geometry of Domains.*

In this talk, I will consider several self maps consisting of analytic complex functions defined on different domains in the plane. For each map, I will form a sequence of functions by the self compositions of the analytic function. I will find the limit functions and show how they are related to the geometry of the domains. (Received February 11, 2014)