1056-26-1044   **Nasser Dastrange*** (`dastrange@bvu.edu`), Buena Vista University, 610, West Fourth Street, Storm Lake, IA 50588. *Mean Value Theorem for Functions on the Complex Plane.* Preliminary report.

It is well known that Rolle's Theorem is not valid for holomorphic functions of a complex variable.

In this talk we will discuss a generalization of Rolle's Theorem to holomorphic functions of a complex variable. Furthermore, we will establish the complex mean value theorem.

Additionally, some interesting properties, recent research, and several examples of the complex mean value theorem will be presented. (Received September 20, 2009)