1016-37-196 **Gregery T Buzzard*** (`buzzard@math.purdue.edu`), Department of Mathematics, Purdue University, West Lafayette, IN 47906. *Holomorphic motions in several complex variables.*

Holomorphic motions have been an important tool in studying dynamics in one complex variable. However, they have been more difficult to apply in several variables because in that setting they do not have some of the nice properties that make them so useful in one variable. Nevertheless, with some extra work, holomorphic motions have been used successfully to produce stability results for holomorphic maps in two variables. In this talk I will provide some background and describe the major results in this area. (Received February 12, 2006)