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**M. Taylan Sengul\*** (msengul@indiana.edu), Department of Mathematics, Indiana University, Bloomington, IN 47405, and **Shouhong Wang**, Department of Mathematics, Indiana University, Bloomington, IN 47405. *Dynamic Transitions for the MHD Equations.*

In this talk, I shall present the dynamic stability and transitions for the basic solutions of the magnetohydrodynamic equations, using the recently developed dynamic transition theory. (Received August 25, 2009)