1044-34-139 **Weishi Liu*** (`wliu@math.ku.edu`), 1460 Jayhawk Blvd., Snow 405, Lawrence, KS 66045. *Effects of some turning points on global dynamics.*

In this talk, we will consider singularly perturbed systems with turning points. For a class of turning points, a new structure is revealed that plays a critical role in the organization of global dynamics. A concrete example will also be discussed for an illustration of the abstract result. (Received August 29, 2008)