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Wei-Ming Ni* (ni@math.umn.edu), 127 Vincent Hall, 206 Church St. S.E., Minneapolis, MN 55455, and **Fang Li** and **Kimie Nakashima**. *Stability and Related Properties of Shadow Systems*.

In this talk, I shall describe some of the recent progress in our attempt in understanding the stability properties of the shadow systems of 2x2 reaction-diffusion systems. This is a joint project with Fang Li and Kimie Nakashima. (Received September 06, 2006)