1125-39-1024   **Mustafa R. S. Kulenovic*** (`mkulenovic@uri.edu`), Department of Mathematics, University of Rhode Island, Kingston, RI 02881. *Invariant Curves for Planar Competitive and Cooperative Maps.* Preliminary report.

We present some results on the existence of invariant curves for planar monotone maps that are linearly ordered in either south-east or north-east ordering. Some of these curves are the stable or unstable manifolds of hyperbolic fixed points (saddle points) or non-hyperbolic fixed points of both stable and unstable types, and are also the boundary of basins of attraction of such points. (Received September 14, 2016)