## 1077-39-1642 Gabriel Lugo\* (glugo@math.uri.edu) and Frank Palladino. Further Consequences of the m-M Theorem. Preliminary report.

A lemma is presented that proves than an equilibrium globally asymptotically stable under appropriate hypotheses. This lemma is used to strengthen the consequences of the m-M theorem without additional hypotheses. (Received September 20, 2011)