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Elias Camouzis and **Emmanouil Drymonis*** (mdrymonis@my.uri.edu), 5 Lippitt Road, Kingston, RI 02881-0816, and **Gerasimos Ladas** and **Wirot Tikjha**. *Patterns of Boundedness of a Rational System in the Plane*.

We present the patterns of boundedness of the 343 special cases of a rational system in the plane. We establish easily verifiable necessary and sufficient conditions, explicitly stated in terms of the parameters of the system, which determine the boundedness character of the system. Some global stability results are also presented. (Received August 06, 2010)