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Emmanouil Drymonis* (mdrymonis@math.uri.edu), 5 Lippitt Road, Department of Mathematics, University of Rhode Island, Kingston, RI 02881. *Patterns of Boundedness of Rational Systems in the Plane*. Preliminary report.

We present the patterns of boundedness of some rational systems in the plane. We establish easily verifiable necessary and sufficient conditions, explicitly stated in terms of the parameters of the systems, which determine the boundedness character of all special cases of the systems. We also present several global stability results. (Received September 15, 2011)