

1093-39-235

Emmanouil Drymonis* (edrymoni@providence.edu), Department of Mathematics and Computer Sc., Providence College, Providence, RI 02918. *Rational Systems: Facts, Open Problems, and Conjectures*. Preliminary report.

We present some facts, some open problems, and some conjectures on rational systems. We are primarily interested in the boundedness nature of solutions, the periodic character of the equation, the global stability behavior of the equilibrium points, in invariants, and in convergence to periodic solutions including periodic trichotomies. (Received August 16, 2013)