1163-11-512   **Jason Bell**, **Nils Bruin**, **Keping Huang**, **Wayne Peng** and **Thomas J Tucker***
(`tjtucker@gmail.com`), Math Department, University of Rochester, Rochester, NY 14607. *A Tits alternative for rational functions.*

We prove some variants of the Tits alternative for rational functions. In particular, we show that in characteristic 0 there are no semigroups of rational functions of intermediate growth (that is, all have either polynomial or exponential growth). (Received September 08, 2020)