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Scott Kaschner* (skaschne@butler.edu). *Bifurcation Phenomena in Quadratic Rational Maps*. Preliminary report.

This talk will survey known results regarding bifurcation in a family, $\{f_\lambda, t\}_{t \in \mathbb{C}}$, of quadratic rational maps with a fixed point multiplier of λ ; similar phenomena in another family will be presented. We will also discuss variety of attempts to describe resonance phenomena in these bifurcations. (Received September 15, 2020)