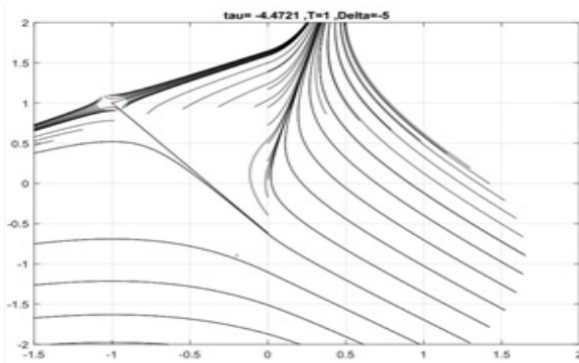


# Bifurcation diagram of saddle/spiral bimodal linear systems

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We complete the study of the bifurcations of saddle/spiral bimodal linear systems, depending on the respective traces  $T$  and  $\tilde{I}_2$ : one 2-codimensional bifurcation; four kinds of 1-codimensional bifurcations. We stratify the bifurcation set in the  $(T, \tilde{I}_2)$ -plane and we describe the qualitative changes of the dynamical behavior at each kind of bifurcation point