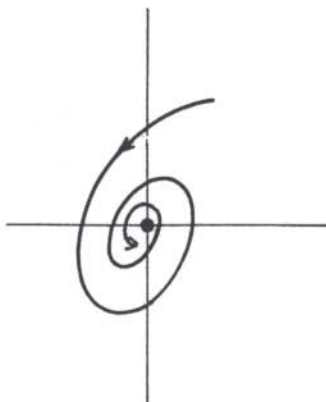
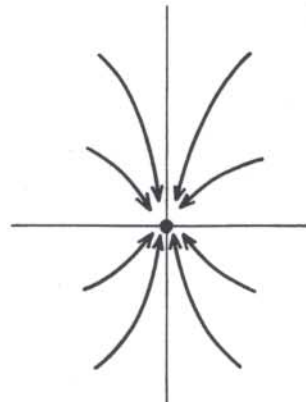


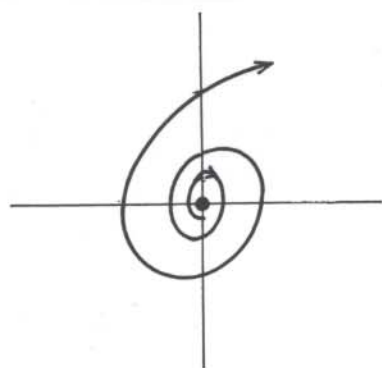
a) Saddle
(distinct real
eigenvalues)



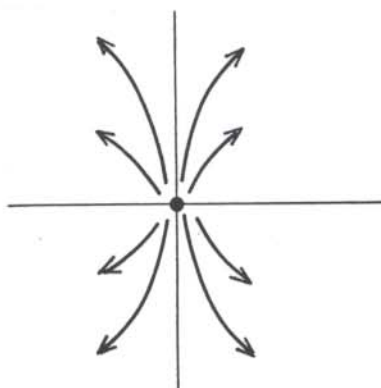
b) Sink
(complex eigenvalues
with negative real part)



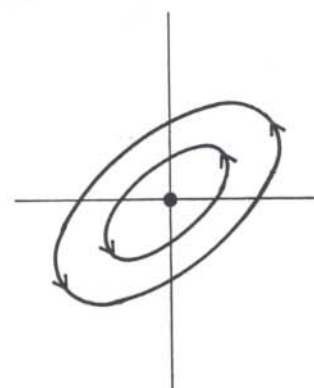
c) Inward node
(negative real eigenvalues)



d) Source
(complex eigenvalues
with positive real
part)



e) Outward node
(positive real eigenvalues)



f) Center
(pure imaginary
eigenvalues)

Figure 7. Patterns of the non-degenerate singular points in the two-dimensional linear autonomous differential system.