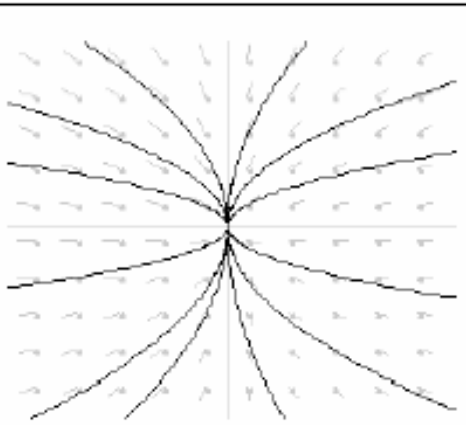
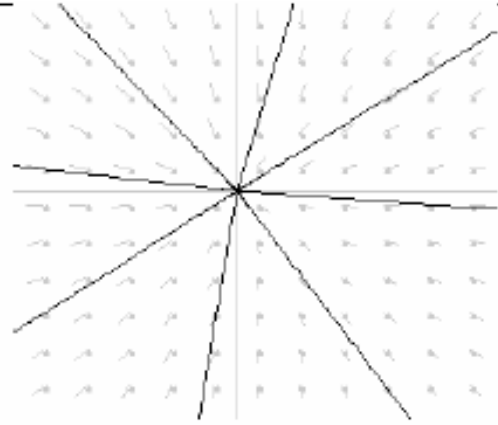
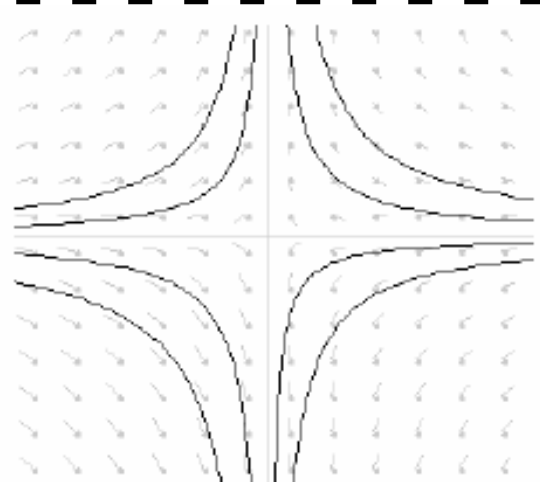
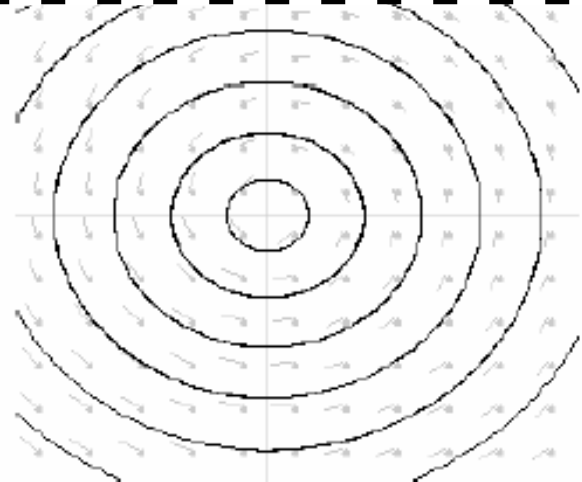
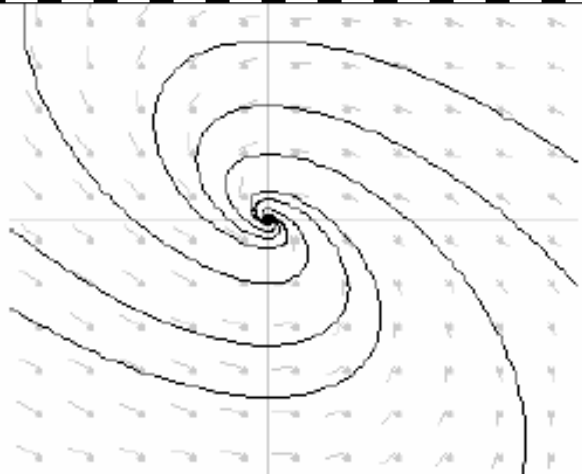
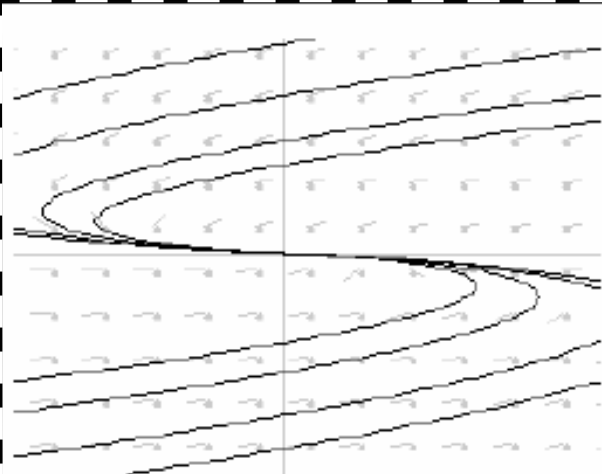


<p><b>Node</b></p>			<p><b>Proper Node</b></p>
<p>Two distinct real eigenvalues, same sign</p>			<p>Repeated real eigenvalue two eigenvectors</p>
<p><i>UNSTABLE</i></p> <p>If both eigenvalues are positive</p>			<p><i>UNSTABLE</i> if positive</p>
<p><i>ASYMPTOTICALLY STABLE</i></p> <p>If both are negative</p>			<p><i>ASYMPTOTICALLY STABLE</i></p> <p>If negative</p>
<p><b>Saddle Point</b></p>			<p><b>Center</b></p>
<p>Two distinct real eigenvalues, opposite signs</p>			<p>Complex eigenvalues Purely <i>IMAGINARY</i> (real part = 0)</p>
<p>Always <i>UNSTABLE</i></p>			<p><i>STABLE</i>,</p> <p>or "<i>NEUTRALLY STABLE</i> "</p>
			<p><b>Not</b> asymptotically stable</p>
<p><b>Spiral Point</b></p>			<p><b>Improper Node</b></p>
<p>Complex eigenvalues, w/ Non-zero real part</p>			<p>Repeated real eigenvalue one eigenvector only</p>
<p><i>UNSTABLE</i></p> <p>If real part is positive</p>			<p><i>UNSTABLE</i></p> <p>If positive</p>
<p><i>ASYMPTOTICALLY STABLE</i></p> <p>If real part is negative</p>			<p><i>ASYMPTOTICALLY STABLE</i></p> <p>If negative</p>