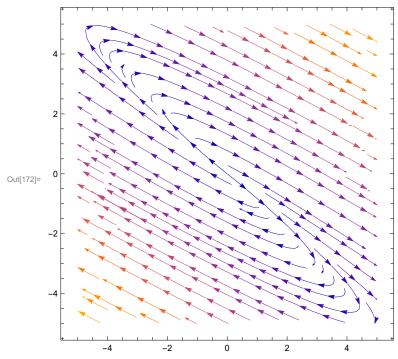
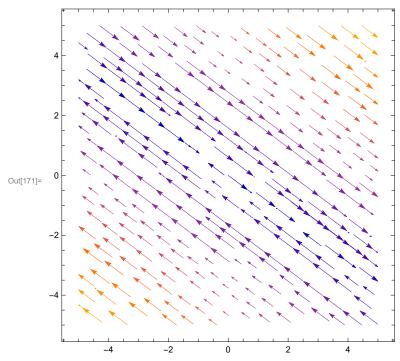
$$ln[173]:= dx = (\sigma + 3) x + 4y;$$

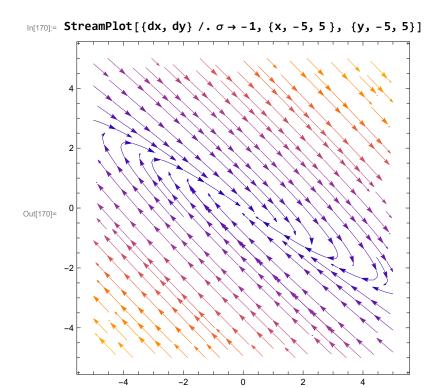
 $dy = -(9/4) x + (\sigma - 3) y;$

$ln[172] = StreamPlot[{dx, dy} /. \sigma \rightarrow 1, {x, -5, 5}, {y, -5, 5}]$



In[171]:= StreamPlot[{dx, dy} /. $\sigma \rightarrow 0$, {x, -5, 5}, {y, -5, 5}]





-4

-2

0

4