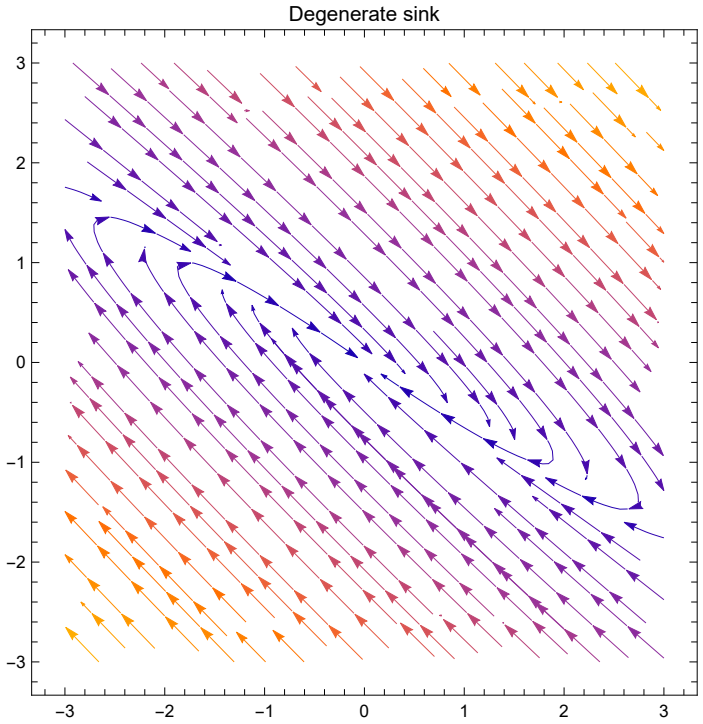
- x' = (sigma + 3)x + 4y
- y' = -(9/4)x + (sigma - 3)y

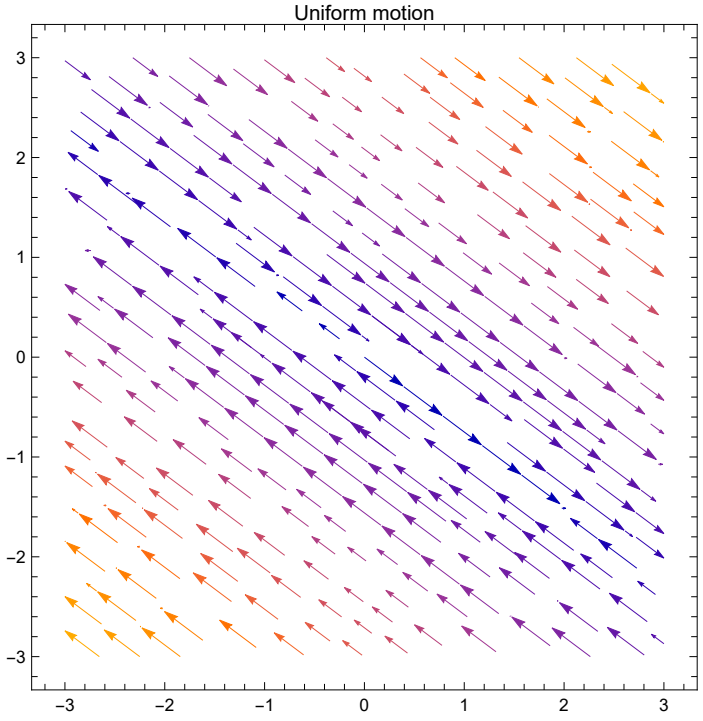
In[434]:=
```
StreamPlot[{(σ + 3) x + 4 y, -(9 / 4) x + (σ - 3) y} /. {σ → -1},
 {x, -3, 3}, {y, -3, 3}, PlotLabel → "Degenerate sink"]
```

Out[434]=



In[436]:=
```
StreamPlot[{(σ + 3) x + 4 y, -(9 / 4) x + (σ - 3) y} /. {σ → 0},
 {x, -3, 3}, {y, -3, 3}, PlotLabel → "Uniform motion"]
```

Out[436]=



In[437]:=
```
StreamPlot[{(σ + 3) x + 4 y, -(9 / 4) x + (σ - 3) y} /. {σ → 1},
 {x, -3, 3}, {y, -3, 3}, PlotLabel → "Degenerate source"]
```

Out[437]=