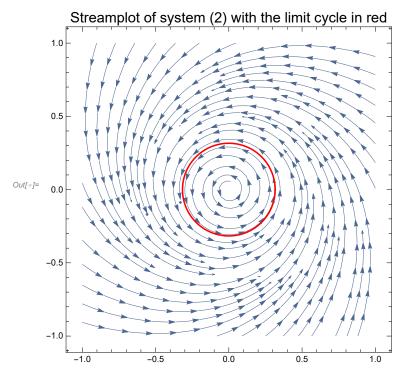
```
p1 = StreamPlot[
    \{x/10 - y^3 - x * y^2 - x^2 y - y - x^3,
    x + y / 10 + x * y^2 + x^3 - y^3 - x^2 y
   },
   \{x, -1, 1\},\
   {y, -1, 1}
  ];
mu0 = 1/10;
w0 = 1;
v0 = 1;
x0 = Sqrt[mu0];
tMax = 2 * Pi / (w0 + mu0 * v0);
sol = NDSolve[
    {x'[t] = x[t] / 10 - y[t]^3 - x[t] \times y[t]^2 - x[t]^2 \times y[t] - y[t] - x[t]^3}
    y'[t] = x[t] + y[t] / 10 + x[t] \times y[t]^2 + x[t]^3 - y[t]^3 - x[t]^2 \times y[t],
    x[0] = x0,
    y[0] = 0
   },
   {x[t], y[t]},
   {t, 0, tMax}
  ];
p2 = ParametricPlot[Evaluate[{x[t], y[t]} /. sol],
   {t, 0, tMax},
   PlotStyle → {RGBColor[1, 0, 0]}
  ];
title = "Streamplot of system (2) with the limit cycle in red";
Show[p1, p2, PlotLabel \rightarrow Style[title, FontSize \rightarrow 15]]
```



TransformedField["Polar" 
$$\rightarrow$$
 "Cartesian", Cos \* (mu \* r - r^3) - r \* Sin \* (w + v \* r^2), {r, t} -> {x, y}]

$$\begin{split} & \text{TransformedField} \big[ \text{"Polar"} \rightarrow \text{"Cartesian"}, \\ & \text{Sin} \star \big( \text{mu} \star \text{r} - \text{r}^3 \big) + \text{r} \star \text{Cos} \star \big( \text{w} + \text{v} \star \text{r}^2 \big), \ \{ \text{r}, \, \text{t} \} \rightarrow \{ \text{x}, \, \text{y} \} \big] \\ & \text{Out}[*] = \text{mu} \, \text{x} - \text{x}^3 - \text{w} \, \text{y} - \text{v} \, \text{x}^2 \, \text{y} - \text{x} \, \text{y}^2 - \text{v} \, \text{y}^3 \\ & \text{Out}[*] = \text{w} \, \text{x} + \text{v} \, \text{x}^3 + \text{mu} \, \text{y} - \text{x}^2 \, \text{y} + \text{v} \, \text{x} \, \text{y}^2 - \text{y}^3 \end{split}$$