```
In[648]:= minx = -π - 0.5; maxx = π + 0.5; miny = -2.5; maxy = 2.5; σ = 0;
sol[x0_, y0_] := NDSolve[{x'[t] == y[t],
    y'[t] == -Sin[x[t]] - σ * y[t], x[0] == x0, y[0] == y0}, {x, y}, {t, 0, 10}]
initialCondition = Join[Table[{0, y}, {y, miny, maxy, 0.1}],
    Table[{minx, y}, {y, miny, maxy, 0.1}], Table[{maxx, y}, {y, miny, maxy, 0.1}],
    Table[{x, miny}, {x, minx, maxx, 0.1}], Table[{x, maxy}, {x, minx, maxx, 0.1}]];
Show[Table[ParametricPlot[Evaluate[{x[t], y[t]} /.
        sol[initialCondition〚i, 1〛, initialCondition〚i, 2〛]], {t, 0, 10},
    PlotRange → {{minx, maxx}, {miny, maxy}}], {i, Length[initialCondition]}] /.
    Line[x_] :> {Arrowheads[{0., 0.05, 0.05, 0.}], Arrow[x]}]
```

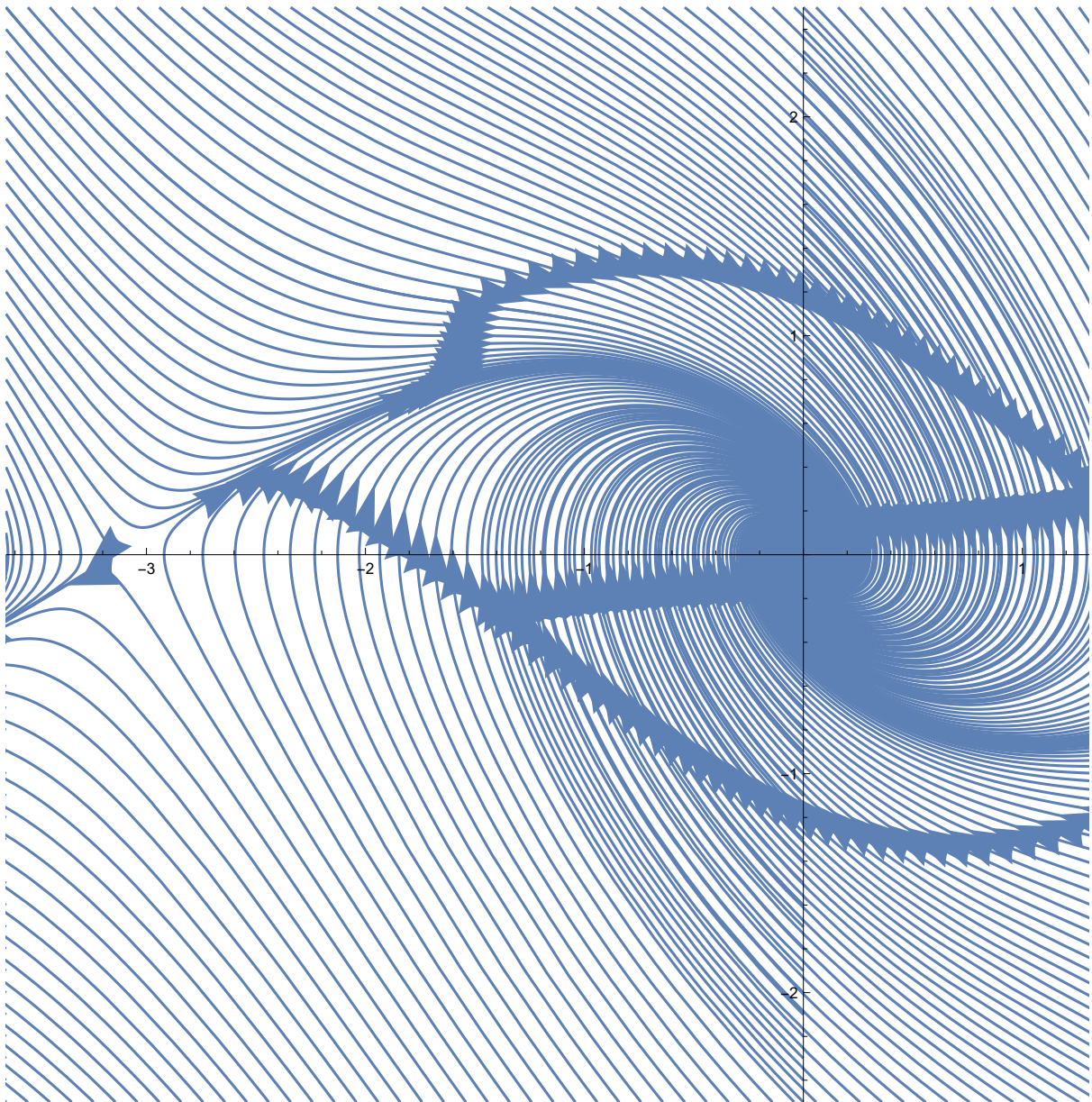Out[651]=
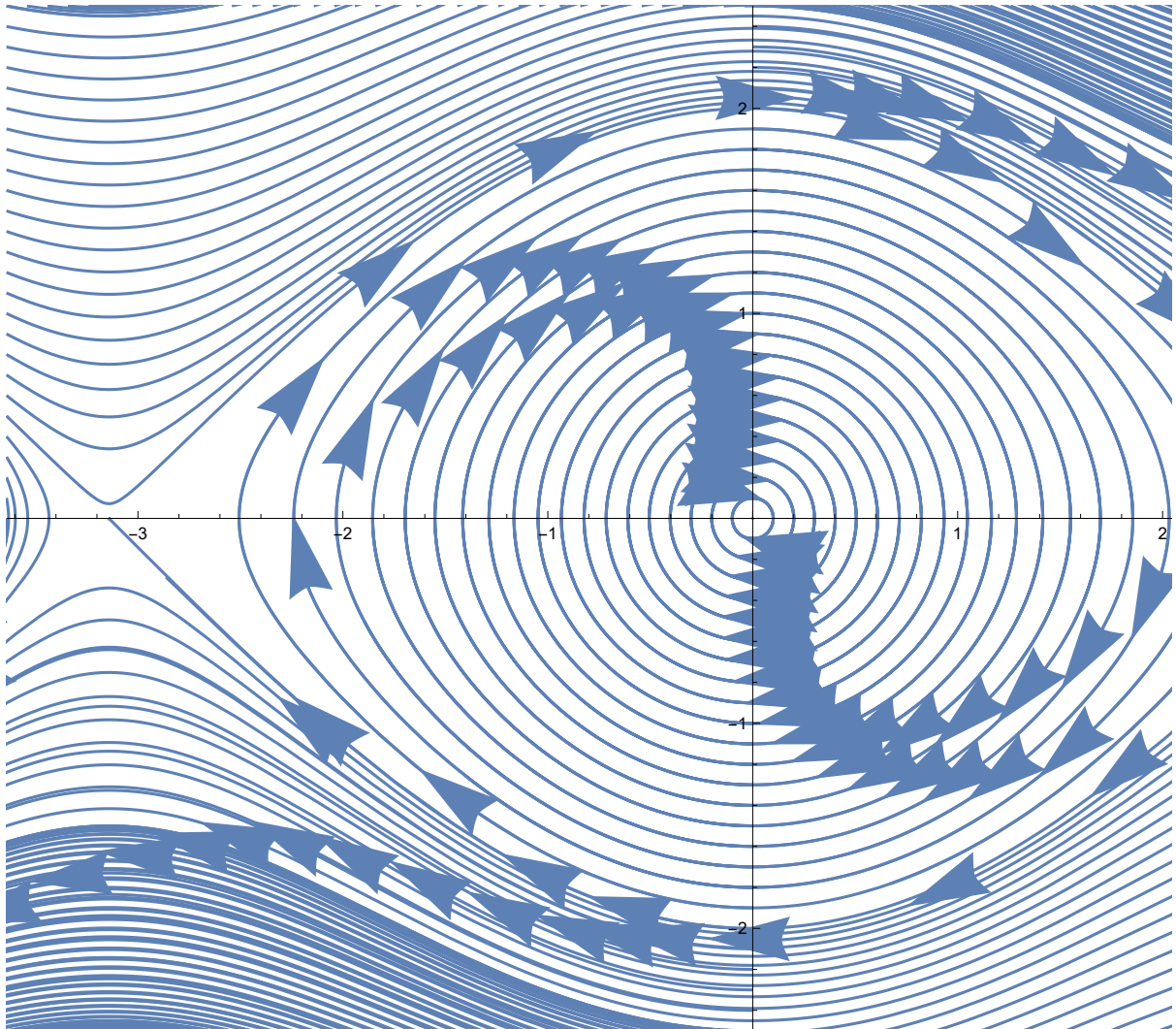
In[526]:=
```
σ = 1;
sol[x0_, y0_] := NDSolve[{x'[t] == y[t],
    y'[t] == -Sin[x[t]] - σ * y[t], x[0] == x0, y[0] == y0}, {x, y}, {t, 0, 10}]
initialCondition = Join[Table[{0, y}, {y, miny, maxy, 0.1}],
    Table[{minx, y}, {y, miny, maxy, 0.1}], Table[{maxx, y}, {y, miny, maxy, 0.1}],
    Table[{x, miny}, {x, minx, maxx, 0.1}], Table[{x, maxy}, {x, minx, maxx, 0.1}]];
Show[Table[ParametricPlot[Evaluate[{x[t], y[t]} /.
        sol[initialCondition〚i, 1〛, initialCondition〚i, 2〛]], {t, 0, 10},
    PlotRange → {{minx, maxx}, {miny, maxy}}], {i, Length[initialCondition]}] /.
  Line[x_] :> {Arrowheads[{0., 0.03, 0.}], Arrow[x]}]
```
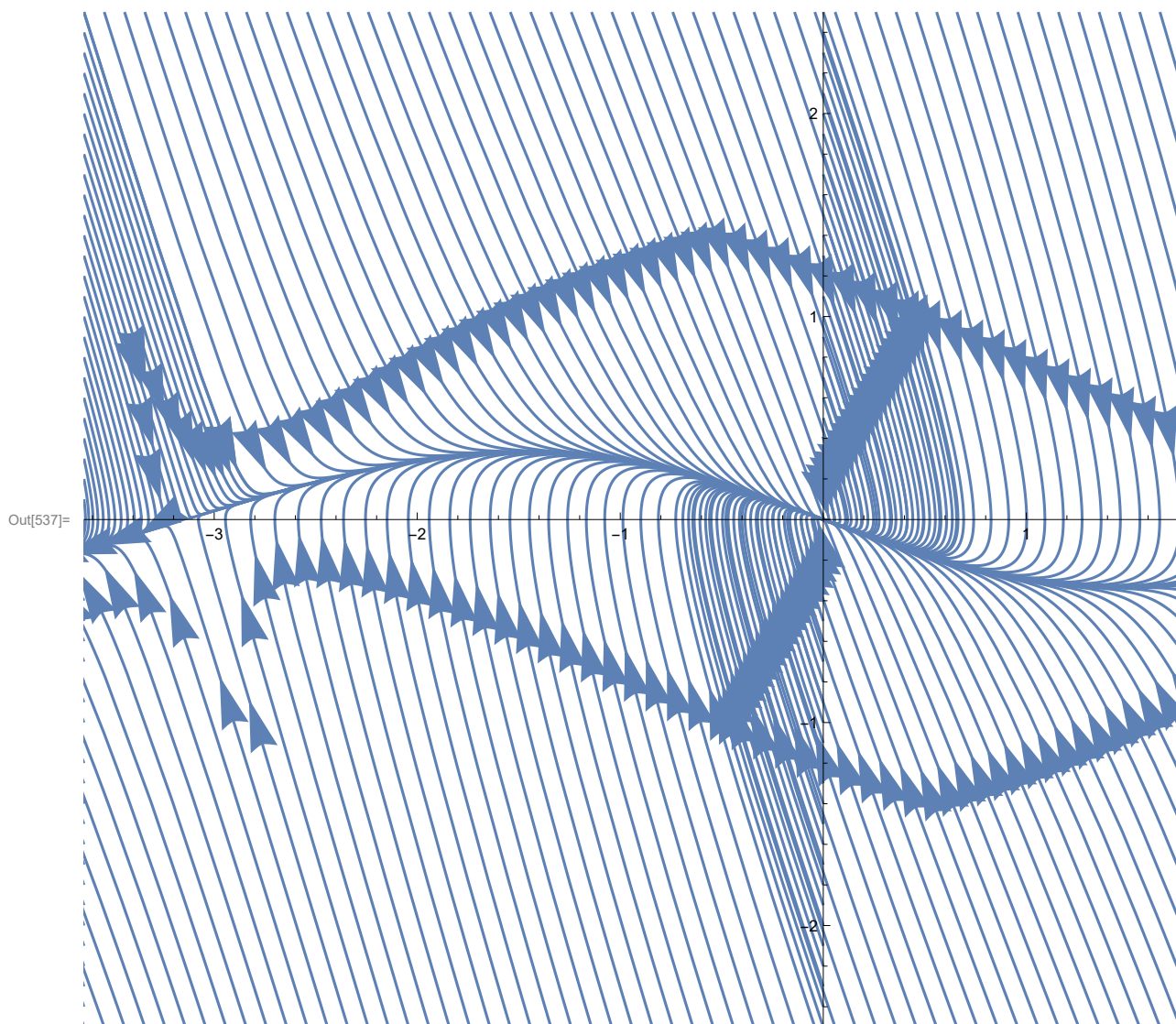
Out[529]=

```
In[534]:= σ = 3;
     sol[x0_, y0_] := NDSolve[{x'[t] == y[t],
         y'[t] == -Sin[x[t]] - σ * y[t], x[0] == x0, y[0] == y0}, {x, y}, {t, 0, 10}]
     initialCondition = Join[Table[{0, y}, {y, miny, maxy, 0.1}],
         Table[{minx, y}, {y, miny, maxy, 0.1}], Table[{maxx, y}, {y, miny, maxy, 0.1}],
         Table[{x, miny}, {x, minx, maxx, 0.1}], Table[{x, maxy}, {x, minx, maxx, 0.1}]];
     Show[Table[ParametricPlot[Evaluate[{x[t], y[t]} /.
            sol[initialCondition〚i, 1〛, initialCondition〚i, 2〛]], {t, 0, 10},
         PlotRange → {{minx, maxx}, {miny, maxy}}], {i, Length[initialCondition]}] /.
        Line[x_] ⧴ {Arrowheads[{0., 0.03, 0.}], Arrow[x]}]
```

In[546]:=
```
σ = 10;
sol[x0_, y0_] := NDSolve[{x'[t] == y[t],
    y'[t] == -Sin[x[t]] - σ * y[t], x[0] == x0, y[0] == y0}, {x, y}, {t, 0, 10}]
initialCondition = Join[Table[{0, y}, {y, miny, maxy, 0.1}],
    Table[{minx, y}, {y, miny, maxy, 0.1}], Table[{maxx, y}, {y, miny, maxy, 0.1}],
    Table[{x, miny}, {x, minx, maxx, 0.1}], Table[{x, maxy}, {x, minx, maxx, 0.1}]];
Show[Table[ParametricPlot[Evaluate[{x[t], y[t]} /.
      sol[initialCondition〚i, 1〛, initialCondition〚i, 2〛]], {t, 0, 10},
    PlotRange → {{minx, maxx}, {miny, maxy}}], {i, Length[initialCondition]}] /.
  Line[x_] ⧴ {Arrowheads[{0., 0.02, 0.}], Arrow[x]}]
```

Out[549]=