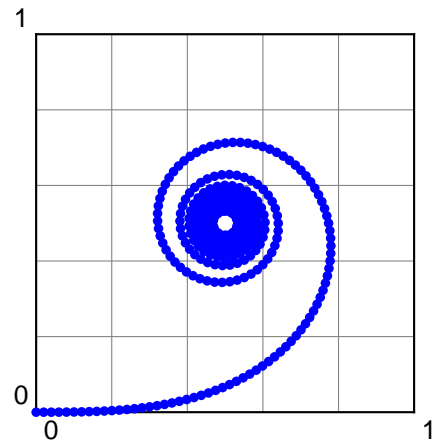


```

\psplotDiffEqn[
  whichabs=0,whichord=1,
  method=rk4,
  linecolor=red,
  plotpoints=500,
  showpoints]{0}{10}{0 0}{
  pop pop % delete x y from the stack
  x dup mul 2 div 180 mul cos % dx/dt
  x dup mul 2 div 180 mul sin % dy/dt
}

```



```

\psplotDiffEqn[algebraic,
  whichabs=0,whichord=1,
  method=rk4,
  linecolor=blue,
  plotpoints=500,
  showpoints]{0}{10}{0 0}{
  cos(Pi*x^2/2)|sin(Pi*x^2/2)
}

```