



System of Differential Equations of the form: $dx/dt = f(x,y)$, $dy/dt = g(x,y)$

x	$\dot{x} =$	- y
y	$\dot{y} =$	x -(1-x^2)y

	=
	=
	=
	=
	=
	=

Minimum $x =$	-5
Maximum $x =$	5
Minimum $y =$	-5
Maximum $y =$	5

Graph Phase Plane