Solution du système (17) Paramètres :  $(\phi_0, \psi_0, \phi_0', \psi_0') = (1.4142135623730951, 0.0, 15.0, 10.0)$  $\mu = 2$  , t = 30  $\phi = f(t)$  $\psi = f(t)$ 2 -1 -0 -1 -**-**2 10 15 20 25 30 5 10 15 20 25 30 5 0

 $\psi = f(\phi)$ 

5.0

2.5

0.0

<del>-</del>2.5 -

-5.0 -

0