Solution du système (15) Paramètres :  $(\phi_0, \psi_0, \phi_0', \psi_0') = (4, 1, 10, 10)$   $\mu = 1.2$  , t = 200 $\phi = f(t)$  $\psi = f(t)$ 5.0 -2.5 0.0 -<del>-</del>2.5 --5.0 150 200 100 50 100 150 200

5.0

2.5

0.0

**-**2.5 ·

**-**5.0 ·

50

