SOME TIME SECTIONS OF LEVEL SET
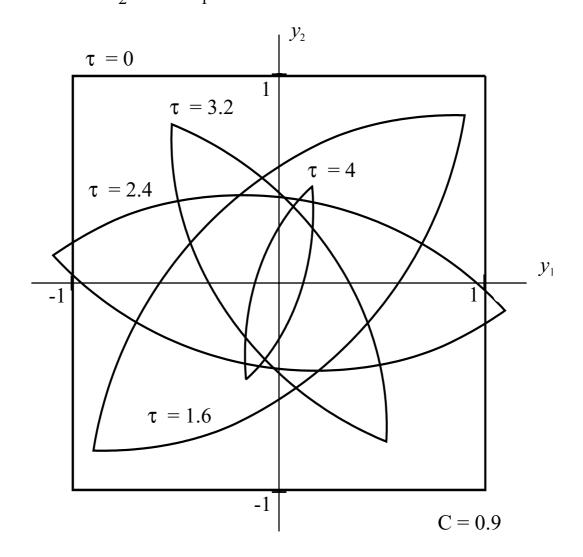
$$\dot{x}_1 = x_2 + v$$
$$\dot{x}_2 = -x_1 + u$$

$$|u| \leq 1, \ |v| \leq 1$$

$\tau = 0$

$\tau = 3.2$

$\tau = 4$

$\tau = 2.4$

$\tau = 1.6$

y_2

y_1

1

-1

1

-1

$C = 0.9$

IMM