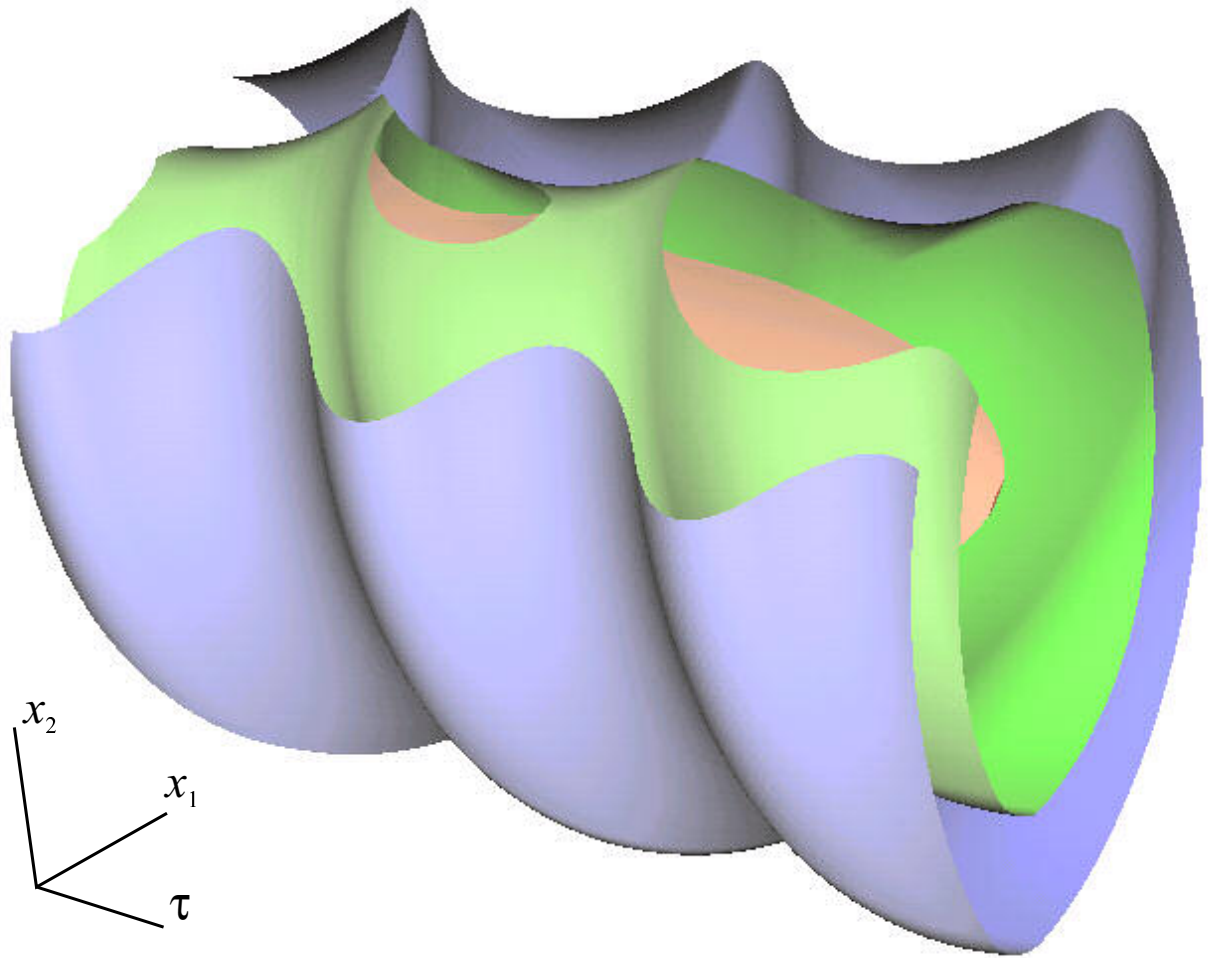


VALUE FUNCTION LEVEL SETS FOR CONFLICT CONTROLLED OSCILLATOR



$$\dot{x}_1 = x_2 + v$$

$$\dot{x}_2 = -x_1 + u$$

$$|u| \leq 1, \quad |v| \leq 0.9$$

$$\tau \in [0, 8],$$

$$c = 1.05, 1.4, 2.7$$

$$\varphi(x) = x_1^2 + x_2^2 \text{ - payoff}$$