THREE LEVEL SETS
FOR OSCILLATOR SYSTEM

\[ \dot{x}_1 = x_2 + v \]
\[ \dot{x}_2 = -x_1 + u \]
\[ |u| \leq 1, \quad |v| \leq 0.9 \]
\[ \tau \in [0, 8] \]
\[ \varphi(x_1, x_2) = x_1^2 + x_2^2 \]