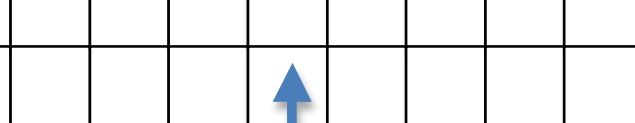


ME 538
Fall 2014

1- Devise a learning algorithm (see note) that can catch T1. Clearly state all system parameters (inputs, states, outputs, training method, etc.)

3- Now, have 2 agents start at the same location and move in this grid. What behavior do you observe now? Do the agents benefit from each other? If so, is that intentional or incidental? Do they cooperate explicitly? Do they cooperate implicitly?



A 10x10 grid of squares. A blue square is located at the intersection of the 4th column and 4th row (assuming the top-left square is at (1,1)). Four blue arrows point outwards from the center of this blue square: one pointing up to the center of the square above, one pointing down to the center of the square below, one pointing left to the center of the square to the left, and one pointing right to the center of the square to the right. The square at the intersection of the 10th column and 4th row is highlighted in red and contains the text 'T1' in black.