Robotic HWZ Chen Hao Cheng Q I would rother employ a discrete algorithm such as A* algorithm for minimizing the number of turns between two locations in Boulder. Because A* algorithm is to pich the node occording to a value f which is a parameter equal to the sum of two other parameters, 9 & h at each step. At each step it picks the node the lowest f and process Besides, the h Ts the estimated cost to move from that given node to the final destination. It's often referred to as the heuristic, which is We don't really know the octual distance and turns well we find the path, there can be many ways to calculate h function. f: the cost of a node A* => f= l + t g: is the cost of poth to get to descination tithe guess of number of turns (heuristic) (twing to minimize)



