

Grid World B

Consider grid world from this picture. With probability of 0.4, robot will carry out the order and with probability of 0.3 direction will be either $+90$ or -90 degrees different from the original order. Tiles $+1$ and -1 are terminal (robot cannot leave them). Count with what probability will the robot get to the tile with $+1$ reward (upper right) if he follows this sequence of orders: North, East, North, North, North

