

Grid world A

Consider grid world from this picture. With probability of 0.85, robot will carry out the order and with probability of 0.075 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, North, East, North, North

