

The diagram illustrates a 2D environment for a robot navigation task. The environment is a rectangular arena with a dashed white boundary. The floor is gray, and there are green grassy areas. A dark blue robot is positioned at the top center. There are four obstacles labeled P_1 , P_2 , P_3 , and P_4 . P_1 and P_2 are vertical gray rectangles on the right side. P_3 and P_4 are horizontal gray rectangles in the center. Arrows indicate the robot's path and the direction of the obstacles.