

The diagram illustrates a 2D grid environment with a central obstacle region. The grid is composed of blue squares. A dashed white line outlines a rectangular area. Inside this area, there are two gray rectangular obstacles labeled P_3 and P_4 . The region between the obstacles and the dashed line is filled with green squares. Arrows indicate flow directions: gray arrows point left and right at the top and bottom edges, and blue arrows point up and down on the left and right sides. The labels P_1 and P_2 are placed on the right side of the grid, above and below the green region, respectively.

 P_2