

Figure 1 illustrates the R1 algorithm for path planning. The figure consists of six panels, numbered 1 through 6, each showing a different stage of the algorithm. The panels are arranged in a 2x3 grid. The background is light green with a grid of dashed lines. The robot is represented by a black dot. The start point is marked with a blue 'x' and the goal point with a red 'z'. Obstacles are represented by yellow circles. The panels show the robot's path (black line) and the path planning process (dashed lines). The panels are labeled 1 through 6, indicating the sequence of steps in the algorithm.