

Figure 1 consists of three schematic diagrams labeled (a), (b), and (c), illustrating different multi-robot system configurations. Each diagram shows a large circular arena with a central robot and three smaller circular robots labeled 1, 2, and 3. The robots are represented by circles divided into four quadrants, with the top-left quadrant labeled '5' and the bottom-right quadrant labeled '16'. In (a), the robots are arranged in a line, with robot 1 at the top, robot 2 in the middle, and robot 3 at the bottom. In (b), the robots are arranged in a line, with robot 1 at the top, robot 2 in the middle, and robot 3 at the bottom. In (c), the robots are arranged in a line, with robot 1 at the top, robot 2 in the middle, and robot 3 at the bottom.