

Suggestions for Course Layouts

WIND

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The diagram illustrates a proposed course layout on a rectangular field. The path is a continuous line that starts at the top left, goes diagonally down to the right, then zigzags horizontally across the bottom, and finally goes diagonally up to the right. Key features include:

- Obstacles:** Three circular obstacles are located at the top left, bottom left, and bottom right corners. A series of four smaller circular obstacles are placed along the bottom zigzag section.
- Wind Indicator:** A large black arrow labeled "WIND" points from left to right, indicating the prevailing wind direction.
- Path Markers:** A grey pentagonal marker is located on the first diagonal segment, and another grey pentagonal marker is at the bottom right corner.

The diagram illustrates a closed kinematic chain mechanism, specifically a four-bar linkage. It consists of four links and four revolute joints (pin joints). The joints are located at the corners of a quadrilateral. A thick black arrow points to the leftmost joint, indicating the input link. The output link is the rightmost link, which is shown in a vertical position. The mechanism is depicted in a schematic manner with solid lines for links and dashed lines for the joints.