

Walking Robot

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One of the big challenges in robotics is developing a robot that moves, using simple behaviours that are similar to the way humans and animals - for instance mammals, insects or invertebrates - move. Hence the name walking robots.

Walking robots are mechanical devices, equipped with a control system that allows them to emulate the movement of an animal in such a way that it can move on different types of surfaces. The following is a simple robot, powered by a single motor, gears and levers. The mechanism creates a change in the direction of the drive that results in an alternative movement in the hind legs.
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