

Differential Drive Systems

Types of Wheels

Wheeled locomotion

Probably the most common form of robot locomotion is **terrestrial locomotion** using **wheels**.

Types of wheels

Drive wheels are powered by an actuator, using friction against the ground to move the robot.

Steered wheels are powered to rotate relative to the ground, to influence the direction the robot moves.

Passive wheels are neither driven nor steered, but can contribute to the robot's stability.

Types of wheels



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