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(57) Abstract :
Exemplary embodiments of the present disclosure are directed towards aa advanced mobility robot. The robot may include a robot body on a metal frame with wheels for movement, a driving module for wheel operation, and an articulated arm for precise tasks. A microcontroller enables seamless coordination, while DC motors drive the arm and wheels. Jumper wires ensure internal connectivity. The remote-control system connects to DC motors, allowing users to command the arm and wheels remotely with precision and flexibility. FIG. 1

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