

Design and Analysis of a Novel and High-efficiency Axe-foot Part for Razor Clam Inspired Anchoring

Robot

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- A novel and high-efficiency axe-foot part for razor clam inspired anchoring robot.
- The axe foot of the robot plays an important role in the movements of the robot.
- The rationality of the axe-foot part design is proved by mechanics analysis and dynamic analysis.
- The actual burrowing ability and anchoring ability of the axe-foot part is verified by the results of these experiments.

