

Climbing Bridges in Narrow Spaces

Little have you realized that of all the amazing bridges around the world, there are only five Bridge Climbs in the world, three of them in Australia. Stay with us until the end of this article ...

To walk across narrow, 6-centimeter (2.3-inch) bridges of up to 1.5 meters (4.9 feet), the robot does a "ninja" walk -- using a motion generator to walk the narrow line with fantastic...

This paper reduces the difficulty of the wall-climbing robot control, and enhances the movement flexibility and application potential in the narrow environment.

It's like crawling through a terrible concrete pipe, so you aren't really thinking about it collapsing. If you are climbing through breakdown and the ceiling is loose, you should probably accept the possible ...

Steel your courage and lace up some sturdy footwear. It's a swaying, wobbly trek across the world's most incredible suspension bridges. On these amazing bridges you can hang ...

The use of climbing techniques for bridge inspection has proven to be a valuable tool for the investigating engineer or technician. The techniques have been proven to be economical and ...

Discover the humorous and nerve-wracking world of narrow pavements and bridges! This article dives into the quirky challenges of dodging pedestrians and navigating tight spaces.

These innovative robots can crawl, climb, swim, and collaborate for transitioning between domains in environments with narrow entries.

Iconic bridges around the world invite visitors to walk or climb across them, revealing architectural details and vistas that transform travel experiences and deepen appreciation for ...

Athlete and advocate Quinn Brett wants to improve all-abilities access in outdoor spaces nationwide. Now, she's ...

Fig. 17. A field test of the developed mobile robot at a steel bridge girder near LaGrange, GA, USA: (a) locomotion on the flange; (b) locomotion on the web; and (c) thickness measurements on the...

Many types of wall climbing robots have been developed for inspection and maintenance in narrow space where the human access is difficult or impossible. Such spaces are found in factories, power ...

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