

Legged Robots That Balance Artificial Intelligence

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Raibert - Google Books Scientific American spotlights how MIT researchers have developed a new control method that enables a two-legged human-controlled robot to maintain its balance while responding quickly to the operator's movements. The robot, which is dubbed Little HERMES, "combines the strength and resilience of a robot with the knowledge and adaptability of a human." Legged Robots That Balance is fifteenth in the Artificial Intelligence Series, edited by Patrick Winston and Michael Brady. This book, by a leading authority on legged locomotion, presents exciting engineering and science, along with fascinating implications for theories of human motor control.

Legged robots that balance

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It uses sensors in its body and legs to balance and LIDAR and stereo sensors in its head to avoid obstacles, assess the terrain, help with navigation and manipulate objects. ... 9 Advanced Robots ... Atlas, The Next Generation

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