Special Issue

Intelligent Bionic Robots

Message from the Guest Editors

There is an abundance of creatures living on the earth, such as birds flying in the air, fish swimming in the water, and cheetahs running on the land. They have far greater abilities to deal with an uncertain world than humans, which has inspired our robotics research. Bionic robots aim to mimic the biological characteristics of these creatures and create novel means of solving problems faced by humans. Many kinds of bionic robots have been developed, such as multi-legged bionic robots, flapping-wing bionic robots, and fish-like bionic robots. To enhance the intelligence of bionic robots, a number of intelligent algorithms, namely bio-inspired algorithms, evolution-inspired algorithms, and structure-inspired algorithms, have been deployed. Intelligent bionic robots are an important direction of robot development and research and contribute to the field of science robotics.

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About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.
It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

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