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Force and Vision Perception for Intelligent Robots

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Message from the Guest Editors

Dear Colleagues,

Force sensing technology is the core technology in the fields of robotics, human–machine interaction and virtual reality. This technology has become a high-end science and technology developed by countries since this century and has been widely used in virtual reality systems as a new human–computer interaction mode.

In order to promote the development of force sensing technology and its application in robotics, virtual reality systems and other fields, *Electronics* plans to set up a column entitled "Force Perception for Intelligent Robots" to collect the latest research results, innovative applications and technical trend analysis (comprehensive) articles of force sensing technology. The details of the solicitation are as follows:

(1) Force sensor and multi-dimensional force measurement technology;

(2) Force feedback technology;

(3) Force interaction technology;

(4) Robot force control;

(5) Tactile sensors;

(6) Tactile information processing and target recognition;

(7) Tactile and visual information fusion;

(8) Bionic touch and electronic skin;

(9) Human force sensing modeling and analysis;

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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