Special Issue

State-of-the-Art in Service and Rehabilitation Machines

Message from the Guest Editors

In rehabilitation robotics, there have been several technological developments for various medical applications. Within these devices, we can find rehabilitation machines, orthoses, and exoskeletons, among others. The objective of these rehabilitation machines is to support and improve the effectiveness of physiotherapists to facilitate and increase the speed of patients' recovery. Rehabilitation machines are operated automatically and designed as tools for rehabilitation therapists to recover the range of motion, strengthen the affected part, decrease the repetitive work of physical therapists, provide patient assistance, increase the number of therapy services and offer a greater diversity of personalized therapies with precise, smooth and safe movements. This Special Issue aims to attract researchers to present recent advances and technologies, as well as review articles, in the area of rehabilitation robotics concerning analysis, synthesis, design, and control aspects.
Dr. César Humberto Guzmán-Valdivia

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.
There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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