Special Issue

AI-Based on Mathematical Modelling for IoMT Devices and Networks

Message from the Guest Editor

This Special Issue focuses on modern AI methods to deal with the massive amount of heterogeneous data. We aim to present novel mathematical models, frameworks, systems, and applications of AI and data mining for big data in Internet of Medical Things (IoMT) devices and networks. Modern networks are experiencing great enlargement and advancements of both AI and IoMT to change our lives. The integration of these two technologies along with the proper handling of big data can be used for many applications. This Special Issue focuses on the following topics, but is not limited to them:

- AI for medical neural networks;
- AI Sensor devices/ technologies for IoMT applications;
- Smart Sensors for Intelligent IoMT applications;
- Wearables sensors for Intelligent IoMT with fog-cloud network;
- Data pre-processing and transmission sensor techniques in AI for IoMT;
- AI sensors in health informatics;
- AI-empowered sensing for smart cities/grid/healthcare;
- Rehabilitation and ambient monitoring for aging society

Guest Editor

Prof. Dr. Victor Hugo C. De Albuquerque

Department of Teleinformatics Engineering (DETI), Federal University of Ceará, Fortaleza, Brazil

Deadline for manuscript submissions

closed (31 October 2024)

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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