Entropy-Based Biomechanical Research and Its Applications

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Message from the Guest Editors

This Special Issue will accept original, unpublished papers and comprehensive reviews focused (but not restricted) on the following research areas:

- Application of different entropy calculations in biomechanical analysis of human movements;
- Analysis of nonlinear dynamical systems with complex behavior;
- New chaotic systems with unique properties; both autonomous and driven;
- Experimental investigation of human movement with nonlinear dynamics;
- Advanced computational algorithms applied in human movements;
- Novel numerical methods dedicated to the quantitative analysis of dynamical human behaviors;
- Algorithms for analysis of time sequences and entropy calculation applied to human movements;

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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