



Rough Set Theory and Entropy in Information Science

Guest Editors:

Prof. Dr. Alessandra Palmigiano

School of Business and Economics, Vrije Universiteit Amsterdam, 1081 HV Amsterdam, The Netherlands

Dr. Yiyu Yao

Department of Computer Science, University of Regina, Regina S4S 0A2, Canada

Prof. Dr. Willem Conradie

School of Mathematics, University of the Witwatersrand, Johannesburg WITS 2050, South Africa

Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

Thematically appropriate contributions to this research program include (among many others):

- Gödel translation on graph-based frames with a Block-Esakia-style theorem;
- Parametric correspondence involving graph-based frames;
- Dempster Shafer theory on graph-based frames;
- A Goldblatt Thomason characterization theorem for graph-based frames;
- Algebraic proof theory on graphs-based frames;
- Lawvere/allegory-based semantics of non-distributive first order logic.

However, other facets of this program go beyond logic and include a broad range of disciplines spanning from formal modeling and probabilistic and statistical reasoning to formal epistemology.

The ambitious aim of this volume is to collect cutting-edge results and insights in the formal modelling of entropy in rough set theory, so that these results and insights can be systematically connected to each other.





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Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University
at Albany, 1400 Washington
Avenue, Albany, NY 12222, USA

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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Entropy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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