Non-classical Logics and Related Algebra Systems

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Message from the Guest Editors

Dear Colleagues,

One of important features of the foundation of mathematics is that logic, a central research area, studies basic features of not only reasoning but also many other scientific objects. In particular, logic and algebra, having more general structures, have been investigated in this area, for example, t-norm-based fuzzy logic, and residuated lattices (including MV-algebra, BL-algebra, and MTL-algebra). At the same time, non-classical logic represented by fuzzy logic is widely used in intelligent information processing. Recently, artificial intelligence and big data have become hot spots of science and technology; data intelligence is the integration of the two, which requires a variety of non-classical logic approaches to provide basic theory. In order to promote close communication and cooperation in the research fields of fuzzy logic, various non-classical logic and related algebraic systems, as well as applications in data intelligence, we are planning a Special Issue of *Axioms*, and we welcome relevant experts and scholars to contribute.

Special Issue

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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