Recent Advances on Quasi-Metric Spaces

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Message from the Guest Editors

The quasi-metric, which is a natural generalization of the notion of the metric, has been one of the important topics in topology and analysis in the last few decades. Roughly speaking, the quasi-metric appears to be obtained by relaxing the symmetric condition from the axioms of the standard metric. Regarding physical phenomena, the quasi-metric can be more useful in solving real-life problems. On the other hand, one can question whether there is a positive constant D such that the distance from a point x to y is dominated by D times the distance from y to x. The answer is affirmative, and such spaces are called the D-symmetric quasi-metric. These spaces are quite rich since they lie between the quasi-metric spaces and metric spaces, and they have proven to be very interesting topics for researchers who work in fixed point theory.

Special Issue

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Message from the Editor-in-Chief

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