

Advances on fixed point theory

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One of the most dynamic research subjects in nonlinear analysis is the fixed point theory. In particular, metric fixed point theory has been investigated by a number of researchers since the theory has a wide application potential to the several applied science besides its own interest. According to needs of the application problems, the researchers in this fields have proposed several fixed point results and also extend the standard frame, complete metric space, to the more general abstract spaces, like, quasi-metric space, b-metric space, dislocated metric space and so on.

The aim of this talk is to put a general frame that covers almost all recent results in the context of metric fixed point theory.