## On generalized Meir–Keeler type conditions: New existence results and applications

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## Abstract

The primary aim of this talk is to provide new fixed point theorems for generalized Meir–Keeler type conditions and their applications to fixed point theory. Our new results simultaneously generalize and improve several known fixed point theorems available in the corresponding literature.

**Key words:** generalized Meir–Keeler type condition, Banach contraction principle, Kannan's fixed point theorem, Chatterjea's fixed point theorem, Meir–Keeler's fixed point theorem

MSC 2020: 47H10, 54H25