

Colloquium

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Friday, April 26, 2013 at 3 pm in Bell Hall 143

Fixed Point Theory in Modular Metric Spaces

The notion of a modular metric on an arbitrary set and the corresponding modular spaces, generalizing classical modulars over linear spaces like Orlicz spaces, were recently introduced by Chistyakov. In many cases, particularly in applications to integral operators, approximation and fixed point results, modular type conditions are much more natural as modular type assumptions can be more easily verified than their metric or norm counterparts. In this talk, we will discuss some new fixed point results and discuss some mistakes which appeared recently in the literature.