New Suzuki-Berinde type fixed point results

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ABSTRACT.

The aim of this article is to improve the results of Piri et al. [Fixed Point Theory and Applications 2014, 2014:210] by introducing new types of contractions say Suzuki-Berinde type F-contractions and Suzuki type rational F-contractions. We also establish a common fixed point theorem for a sequence of multivalued mappings. An example is also given to support our main results.

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