Rational contraction in multiplicative metric spaces

Tatjana Došenović¹ and Stojan Radenović²

¹Faculty of Technology, University of Novi Sad, Novi Sad, Serbia, tatjanad@tf.uns.ac.rs
²Faculty of Mechanical Engineering, University of Belgrade, Kraljice Marije 16, 11 120 Beograd 35, Serbia radens@beotel.rs

The purpose of this paper is to prove that instead of a rational contraction shown in the paper Afrah A. N. Abdou, *Fixed point theorems for generalized contraction mappings in multiplicative metric spaces*, J. Nonlinear Sci. Appl. **9** (2016), 2347– 2363, a more general contractive condition can be obtained in multiplicative metric spaces, which is equivalent to a contractive condition in metric spaces.