Jiang, Yun; Gu, Feng
Common fixed point theorem in multiplicative metric spaces. (Chinese. English summary)

Summary: In the framework of multiplicative metric spaces, some new fixed point theorems for four mappings were proved using weakly compatible mappings under noncontinuous mappings. The results extended and improved some well-known comparable results in the literature.

MSC:
54H25 Fixed-point and coincidence theorems (topological aspects)
54E40 Special maps on metric spaces

Keywords:
multiplicative metric space; contractive mappings; weakly compatible mappings; common fixed point

Full Text: DOI