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Qasim Mahmood* (qasim_math@yahoo.com), Department of Basic Sciences, Riphah International University, Sector I-14, Islamabad, Pakistan. *Fixed and common fixed point results in multiplicative partial metric spaces.*

In this paper, we study multiplicative partial metric space and obtain fixed and common fixed point results of mappings. Our obtained results extend and unify the results of mappings satisfying generalized rational contractive condition in the setup of multiplicative partial metric space. Moreover, we present an application to obtain the solution of integral equations. (Received September 17, 2015)