Almost $\alpha$-type $F$-weak contractive mappings in partial metric space and fixed points.

In this paper, we introduce new concept of almost $\alpha$-type $F$-weak contractive mappings in the framework of partial metric space. Then, sufficient conditions for the existence and uniqueness of fixed points are established for almost $\alpha$-type $F$-weak contractive mappings in partial metric space. The obtained results generalize the existing results in the literature. (Received July 20, 2016)