Fixed points for weakly compatible mappings satisfying an implicit relation in partially ordered metric spaces

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Let \((X, d, \preceq)\) be a partially ordered metric space. Let \(F, G\) be two set valued mappings and \(f, g\) two single valued mappings on \(X\). We obtained sufficient conditions for existence of common fixed point of \(F, G, f\) and \(g\) satisfying an implicit relation in \(X\).

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