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Hussain, N.[a] , Shah, M.H.[b] , Kutbi, M.A.[a]
Coupled coincidence point theorems for nonlinear contractions in partially ordered quasi-metric spaces with a Q-function
(2011) *Fixed Point Theory and Applications*, 2011, art. no. 703938, . Cited 2 times.

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Abstract
Using the concept of a mixed g-monotone mapping, we prove some coupled coincidence and coupled common fixed point theorems for nonlinear contractive mappings in partially ordered complete quasi-metric spaces with a Q-function q. The presented theorems are generalizations of the recent coupled fixed point theorems due to Bhaskar and Lakshmikantham (2006), Lakshmikantham and iri (2009) and many others. Copyright © 2011 N. Hussain et al.

Document Type: Article
Source: Scopus