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Some coupled fixed point theorems in cone metric spaces. (English) Zbl 1179.54069
Fixed Point Theory Appl. 2009, Article ID 125426, 8 p. (2009).

Summary: We prove some coupled fixed point theorems for mappings satisfying different contractive conditions on complete cone metric spaces.

MSC:

54H25 Fixed-point and coincidence theorems (topological aspects)

Cited in **3** Reviews
Cited in **53** Documents

Full Text: [DOI](#) [EuDML](#)

References:

- [1] Huang, LG; Zhang, X, Cone metric spaces and fixed point theorems of contractive mappings, Journal of Mathematical Analysis and Applications, 332, 1468-1476, (2007) · [Zbl 1118.54022](#)
- [2] Abbas, M; Jungck, G, Common fixed point results for noncommuting mappings without continuity in cone metric spaces, Journal of Mathematical Analysis and Applications, 341, 416-420, (2008) · [Zbl 1147.54022](#)
- [3] Haghi RH, Rezapour Sh: $\text{\textbf{Fixed points of multifunctions on regular cone metric spaces.}}$ $\text{\textit{Expositiones Mathematicae}}$. In press · [Zbl 1193.47058](#)
- [4] Ilić, D; Rakočević, V, Common fixed points for maps on cone metric space, Journal of Mathematical Analysis and Applications, 341, 876-882, (2008) · [Zbl 1156.54023](#)
- [5] Klim, D; Wardowski, D, Dynamic processes and fixed points of set-valued nonlinear contractions in cone metric spaces, Nonlinear Analysis: Theory, Methods & Applications, 71, 5170-5175, (2009) · [Zbl 1203.54042](#)
- [6] Radenović, S, Common fixed points under contractive conditions in cone metric spaces, Computers and Mathematics with Applications, 58, 1273-1278, (2009) · [Zbl 1189.65119](#)
- [7] Rezapour, Sh; Hamlbarani, R, Some notes on the paper "Cone metric spaces and fixed point theorems of contractive mappings", Journal of Mathematical Analysis and Applications, 345, 719-724, (2008) · [Zbl 1145.54045](#)
- [8] Rezapour, Sh; Haghi, RH, Fixed point of multifunctions on cone metric spaces, Numerical Functional Analysis and Optimization, 30, 825-832, (2009) · [Zbl 1171.54033](#)
- [9] Rezapour Sh, Derafshpour M: $\text{\textbf{Some common fixed point results in cone metric spaces.}}$ to appear in $\text{\textit{Journal of Nonlinear and Convex Analysis}}$ · [Zbl 1434.54015](#)
- [10] Bhaskar, TG; Lakshmikantham, V, Fixed point theorems in partially ordered metric spaces and applications, Nonlinear Analysis: Theory, Methods & Applications, 65, 1379-1393, (2006) · [Zbl 1106.47047](#)
- [11] Lakshmikantham, V; Ćirić, L, Coupled fixed point theorems for nonlinear contractions in partially ordered metric spaces, Nonlinear Analysis: Theory, Methods & Applications, 70, 4341-4349, (2009) · [Zbl 1176.54032](#)

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