J. Adv. Math. Stud.
Vol. **9**(2016), No. 2, 183-193
http://journal.fairpartners.ro

GENERALIZED COUPLED COINCIDENCE AND COMMON FIXED POINT THEOREMS

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Abstract. Recently, Abbas *et al.* [M. Abbas, L. Ćirić, B. Damjanović, M.A. Khan: *Coupled coincidence and common fixed point theorems for hybrid pair of mappings*, Fixed Point Theory Appl., 2012, 2012:4, 11 pages] obtained coupled coincidence and common fixed point of a hybrid pair of mappings satisfying a nonlinear contractive condition in a complete metric space. In this paper, some coupled coincidence and common fixed point results for two hybrid pairs of multivalued and single valued mappings are obtained. Our results unify, generalize, and complement various known comparable results from the current literature. We also provide an example to illustrate our results.

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Received: June 22, 2015. *Revised*: February 13, 2016.
2010 *Mathematics Subject Classification*: 46S40, 47H10, 54H25.
Key words and phrases: Coupled coincidence point, common fixed point, multi-valued mappings, contraction.

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