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**Akbar Azam\*** (akbarazam@yahoo.com), Department of Mathematics, COMSATS Institute, of Information Technology, Chak Shahzad, Islamabad, 44000, Pakistan. *Coincidence points of crisp and L-fuzzy mappings.*

The existence of common coincidence points for a non-fuzzy and a pair of L-fuzzy mappings has been investigated. We use  $\phi$ -contraction condition on a metric space with the Hausdorff metric on the family of L-fuzzy sets. Moreover we prove common coincidence point theorem on a metric space by using the d-infinity metric on L-fuzzy sets. To approve the solidity and applicability of our results, we give some applications and apply it to achieve some existence and uniqueness theorems of solution for a class of non-linear integral equations. (Received August 04, 2015)