

CARPATHIAN J. MATH.  
24 (2008), No. 1, 01 - 07

## **A common fixed point theorem on $d$ -complete topological spaces**

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**ABSTRACT.** In this paper, we introduce the concepts of  $w$ -compatible of type (I) and type (II) on  $d$ -complete topological spaces. After then we give an implicit relation and prove a fixed point theorem for  $w$ -compatible of type (I) or type (II) mappings satisfying an implicit relation on  $d$ -complete Hausdorff topological spaces.

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