HYBRID TANGENTIAL PROPERTY AND COINCIDENCE POINT THEOREMS

TAYYAB KAMRAN* AND NENAD CAKIĆ**

*Centre for Advanced Mathematics and Physics
National University of Sciences and Technology
Campus of College of Electrical and Mechanical Engineering
Peshawar Road, Rawalpindi, Pakistan
E-mail: tayyabkamran@gmail.com

**Faculty of Electrical Engineering,
Bul. Kralja Aleksandra 73, 11 000 Belgrade, Serbia
E-mail: cakic@kondor.etf.bg.ac.yu

Abstract. Recently, Y. Liu et. al. [Common fixed points of single and multivalued maps, Int. J. Math. Math. Sci., 19(2005), 3045-3055] defined common property (E.A) for two pairs of hybrid maps and obtained some coincidence and fixed point results for such pairs. We define a new property for pairs of hybrid maps that contains common property (E.A) and show that there is no need to use common property (E.A) with full force and only our tangential condition works to prove Theorems 1.1 & 1.2.

Key Words and Phrases: fixed points, hybrid maps, property (E.A), weak commutativity.

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