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Coincidences of lipschitz-type hybrid maps and invariant approximation
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Abstract
The aim of this paper is to obtain new coincidence and common fixed point theorems by using Lipschitz-type conditions of hybrid maps (not necessarily continuous) on a metric space. As applications, we demonstrate the existence of common fixed points from the set of best approximations. Our work sets analogues, unifies and improves various known results existing in the literature.

Author Keywords
Best approximation; Coincidence point; Common fixed point; Eigenvalue; Lipschitz condition; Metric space; Weak commutativity; Weakly compatible maps

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