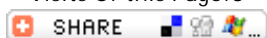




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Research Title	: <u><i>On coincidence points for contraction maps</i></u> <u>حول نقاط التطابق للتطبيقات التقلصية المولدة</u>
Descriptipn	: Kaneko studied the existence of coincidence points for hybrid contraction maps on metric spaces under the hypothesis that the commuting maps are continuous. We generalize this result, where the commuting maps need not be continuous, Unifying the more recent results of Hicks, and Hicks and Rhoades, we establish coincidence and hybrid fixed point results in the setting of symmetric spaces. Our results unify and extend the corresponding results of Hicks, Nadler, Kaneko, Jungck, Hicks and Rhoades and many of others. Using a concept of f -iterative sequences, a general result on the existence of coincidence points in symmetric spaces has also been proved, extending a fixed point result of Hicks. In the setting of generalized metric spaces, we obtain various results on convergence to coincidence points for hybrid contraction maps. These results contain the corresponding results of Covitz and Nadler, Jachymski and many of others
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Research Year	: 2001
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