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Some results on common fixed points and best approximation

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Abstract

We prove a common fixed point result for (f, g)-nonexpansive maps and then derive certain results on best approximation. Our results generalize the results of Al-Thagafi [1], Jungck and Sessa [6], Khan, Hussain and Thaheem [8], Latif [9, 10] and Sahab, Khan and Sessa [12].

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Best approximation; Common fixed point; Commuting maps; p-normed space; Property of contractiveness and joint continuity

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