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弱序列式回缩 (LM)-空间的特征

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摘要 本文研究 Retakh's 条件 (M_0) , 正则性和弱序列式回缩性之间的关系. 对于 (LM)-空间, 弱序列式回缩性等价于正则性加上一个介于 (Q_0) 和 (M_0) 之间的条件. 对于 (LN)-空间, 我们获得了更满意的结果, 证明了弱序列式回缩性等价于正则性加上条件 (M_0) , 也等价于一个非常弱的正则性条件加上条件 (M_0) (见文献[1--28]).

关键词 [诱导极限](#) [弱零调性](#) [Retakh's 条件](#)

分类号

Characterizations of Weakly Sequentially Retractive (LM)-Spaces

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Abstract We investigate the relationships between Retakh's condition (M_0) , regularity and weak sequential reactivity. For (LM)-spaces, weak sequential reactivity is equivalent to regularity plus a condition which lies between condition (M_0) and (Q_0) . For (LN)-spaces we obtain more satisfactory result. We prove that weak sequential reactivity is equivalent to regularity plus condition (M_0) and hence is equivalent to a very weak regularity condition plus condition (M_0) (see [1--28]).

Key words [inductive limits](#) [weak acyclicity](#) [Retakh's condition](#)

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