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论文

预加法范畴中态射的广义逆

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摘要:

该文研究预加法范畴中态射的广义逆, 利用幂等态射给出了态射广义逆存在的充要条件及其表达式. 得到预加法范畴中态射的柱心 幂零分解存在的充要条件, 并给出了分解的方法

关键词: 范畴; 态射; 广义逆

分类号:

15A09

The Generalized Inverse of Morphism in Preadditive Category

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Abstract:

In this paper, the authors research the generalized inverses of morphisms in preadditive category, give the characterization and expression for the Moore Penrose and Drazin inverse, and obtain the necessary and sufficient conditions for the existence of core nilpotent decomposition for morphism.

Keywords: Morphism Category Core nilpotent decomposition.

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