

论文

广义模糊数值Choquet积分的伪自连续及其遗传性

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收稿日期 修回日期 网络版发布日期 2006-11-2 接受日期

摘要 在广义模糊测度空间上,针对已经给出的广义模糊数值Choquet积分,将这种积分整体看成可测空间上取值于模糊数的集函数,研究当模糊测度满足伪自连续、伪一致自连续性时,这种模糊数值Choquet积分所保持的一些遗传性.

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分类号 [28E10](#) [03E72](#)

Pseudo-autocontinuity and Heredity of Generalized Fuzzy Number-valued Choquet Integrals

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Abstract In this paper, on the generalized fuzzy measure space, for the given generalized fuzzy number-valued Choquet integrals, we regard wholly this kind of integrals as a set function taking the value of fuzzy numbers on the measurable spaces, and study some of its heredity kept by this kind of fuzzy number-valued integrals when the fuzzy measure satisfies pseudo-autocontinuity and pseudo-uniform autocontinuity.

Key words [Pseudo-autocontinuity\(from above and from below\)](#) [pseudo-uniform autocontinuity\(from above and from below\)](#) [generalized fuzzy number-valued Choquet integrals.](#)

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