

KRITIK NUQTAGA EGA AYLANA GEOMORFIZMLARNING ERGODIKLIGI

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ANNOTATSIYA

Ushbu maqolada bitta kritik nuqtaga ega aylana gomeomorfizmlarining Lebeg o'lchoviga nisbatan ergodikligini aniqlashda kerakli ta'rif va tushunchalar yordamida bitta kritik nuqtaga ega aylana gomeomorfizmlarining Lebeg o'lchoviga nisbatan ergodikligi haqidagi asosiy teorimani yoritish ko'zda tutilgan.

Kalit so'zlar: kritik nuqta, gomeomorfizm, qat'iy monoton o'suvchi, burish soni, ehtimollik o'lchovi, Borel σ -algebra, Lebeg o'lchovi, ergodik.

ABSTRACT

This paper seeks to shed light on the basic theorem on the ergodicity of single-point circle homomorphisms relative to the Lebeg scale, using the necessary definitions and concepts to determine the ergodicity of single-point circle homomorphisms relative to the Lebeg measure.

Keywords: critical point, homeomorphism, strictly monotonous growth, number of turns, probability measure, Borel σ -algebra, Lebeg measure, ergodic.