

**TANLANMALAR BIR JINSLILIGINI TEKSHIRISH UCHUN
NOPARAMETRIK KRITERIYLARDAN FOYDALANIB MATEMATIKA
FANINI BOSHQA FANLAR BILAN BOG'LIQLIGINI TEKSHIRISH**

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ANNOTATSIYA

Maqolada bog'liq bo'lmagan tanlanmalarga mos bosh to'plamlar o'rtacha qiymatlari farqlari haqidagi gipotezalarbi tekshirish va tanlanmalar bir jinsliligini tekshirish uchun noparametrik kriyeriyalar mavzulari qisqacha bayon qilingan. Shu mavzular yordamida talabalarning matematika va Biologiya fanidan olgan baholari solishtirilganligini ko'rish mumkin.

Kalit so'zlar: Tanlanma o'rtacha qiymat \bar{x}_t , tanlanma dispersiya σ^2 , H_0 gipoteza va unga alternativ bo'lgan H_1 gipoteza, Styudent taqsimoti bo'yicha kritik nuqta t_{kr} , Xi-kvadrat χ^2 .

**CHECKING THE RELATIONSHIP OF MATHEMATICS WITH OTHER
SCIENCES ON NON-PARAMETRIC CRITERIA FOR CHECKING THE
CHOICE**

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ABSTRACT

The article summarizes the topics of nonparametric tests for testing hypotheses about differences in mean values of common sets corresponding to unrelated samples, and for testing sample homogeneity. You can use these topics to compare student grades in math and biology.

Keywords: Sample mean \bar{x}_t , sample variance σ^2 , H_0 hypothesis and alternative hypothesis H_1 , Student's critical point t_{kr} , Xi-square χ^2 .