

## AMALIY MASHG'ULOTLARDA ZARRALAR FIZIKASI BO'LIMINI O'ZLASHTIRISH SAMARADORLIGINI OSHIRISH YO'LLARI

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### ANNOTATSIYA

Ushbu maqola Zarralar fizikasi bo'limi amaliy mashg'ulotlari samaradorligini oshirish muammolariga bag'ishlangan. Bu bo'limning keyingi taraqqiyoti natijasida yangi mavzular hamda ularga mos amaliy mashg'ulotlar mazmuni ishlab chiqilgan. Hamda amaliy mashg'ulotlarda nazariy bilimlarni mustahkamlash yo'llari bayon qilingan.

**Kalit so'zlar:** elementar zarralar, saqlanish qonunlari, lepton soni, barion soni, g'alatilik kvant soni, maftunkorlik kvant soni, o'zlashtirish samaradorligi, pedagogika, metodika, amaliy mashg'ulot.

## WAYS TO IMPROVE THE STUDY EFFICIENCY OF PARTICLE PHYSICS SECTION IN PRACTICAL TRAININGS

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### ABSTRACT

This article is devoted to improving problems of study efficiency of practical trainings of the Particles Physics section. The new content of lectures and practical trainings has been developed taking into account the latest achievements of this section. The ways of consolidating knowledge in practical trainings are described as well.

**Keywords:** elementary particles, laws of conservation, lepton number, barion number, quantum number of strangeness, quantum number of charmness, improving of study efficiency, pedagogy, methodology, practical training.