

TENGSIZLIKLARNI ISBOTLASHDA MONOTON KETMA-KETLIKLAR USULI

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ANNOTATSIYA

Ma'ruzada o'rta maktab o'quvchilari o'rtasida o'tkaziladigan matematika fan olimpiadalarida tez-tez uchrab turadigan tengsizliklarni isbotlashning monoton ketma-ketliklarga asoslangan bir usuli keltirilgan. Unda monoton ketma-ketliklar usullari va teoremlari isbotlari bilan berilgan.

Kalit so'zlar: monoton juftliklar, monoton uchliklar, monoton ketma-ketliklar, determinantlar.

ABSTRACT

This article presents a method for the proof of inequalities based on monotonic sequences that are often found in school math competitions.

Keywords: monotone pairs, monotonous trinitities, monotonous sequences, determinants.