

Category: Mathematics

Title: Number system with non-natural base

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Abstract

In this work I make the analysis of the possibility of the existence of the number system with non-natural base & its investigation. The question examined in my work is totally opened:

- making the list of new characteristics, rules of the translation of the numbers, and also rules of the simple calculating operations, checked the operations of subtraction & division;
- checked the Euclidean algorithm, its characteristics by means of estimating the coefficients;
- found the practical appliance of new method in compiling & solving of the tasks.

Investigation I've suggested stipulates for independence of new system & its appliance in type of tasks, that is beyond the course of school program & also beyond the whole system of school education.