

MEETING 5 - INTRODUCTORY NUMBER THEORY

In this meeting we go through the introductory number theory contained in Kapitel 5 in IDK. But we first start with a correction of IDK and some questions to get everyone up to speed.

CORRECTION OF IDK

The definitions of *primtal/prime number* should read

Definition: Låt p vara ett positivt heltal större än 1. Om p inte har några andra delare än $\pm p$ eller ± 1 så kallas p ett *primtal*.

this was the one that did not use quantifiers, using quantifiers the definition should read

Definition: Låt p vara ett positivt heltal större än 1. Då kallas p ett *primtal* om $\forall r \in \mathbb{Z}^+ : \forall s \in \mathbb{Z}^+ : n = r \cdot s \Rightarrow r = 1 \vee s = 1$.

ORDINARY CONTENTS OF THIS MEETING

Follow up on the questions in the videos

Two Concept Tests

Continuation of 3.2 Gemensamma delare

3.3 Divisionsalgoritmen och Euklides Algoritm