Diskmath Week 5

Emil Straschil

Hello

I am Emil.

I have a **website**:

emils.site (yes thats the URL)

repo: https://github.com/emil3tr/emil3tr.github.io

All materials will be uploaded there.

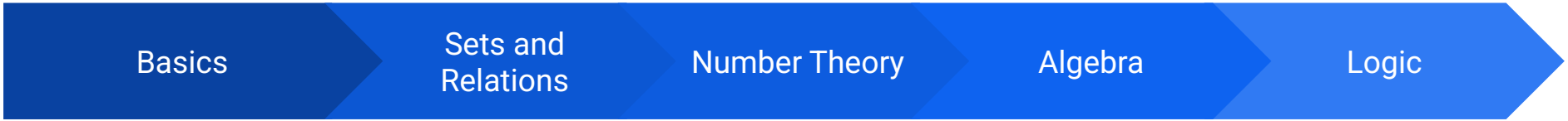
Any Feedback / Questions / Wishes / … ?

→ estraschil@student.ethz.ch

→ “Emil” (floxi4) on dinfk-discord

→ Diskmath-questions: ask here so others can benefit (:

Where are we right now?



Abstraction
Formulas
Statements
Prop. Logic
Pred. Logic
Proof Patterns

Sets
Set Operations
Relations
Equivalence
Partial Order
Functions
Countability

Division
Primes
Modular Arith.
Diffie-Hellman

Monoids
Groups
Euler Totient
RSA
Rings
Polynomials
Finite Fields
Err. Corr. Codes

Proof Systems
Logic
Calculi
Res. Calculus
Prop. Logic
Pred. Logic

Today

First Half:

1. Info
2. Last Serie
3. Relation Properties
4. Relation Kahoot

Second Half:

1. How to prove Relation Properties
2. Exercises

Questions?

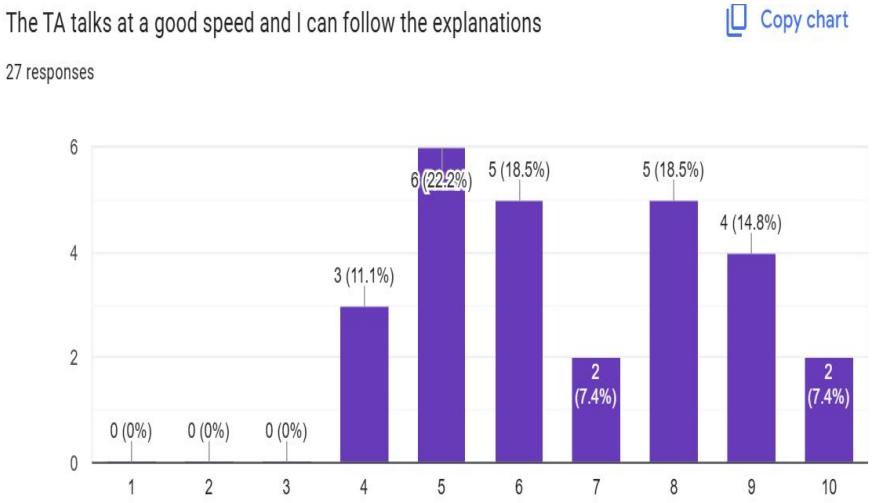
Some Infos

Thank you for the feedback!!!

I'll try to be a little slower.

Tell me if it's too fast!

Form still open



More / longer theory recaps
11 (57.9%)
More exercises
14 (82.4%)

Form on Website → vote!

Grading

I added some points afterwards on moodle, don’t worry if they don’t match with the number on your submission.

Email List

If you are not enrolled here:

Go to emils.site -> week5 -> Email form.

Put your Kürzel there, so I can add you to my mailing list.

kürzel@ethz.ch

GENTLEMEN, IT IS WITH GREAT PLEASURE TO INFORM YOU THAT
WE HAVE KAHOOT PREMIUM NOW

Last Serie