Diskmath Week 10

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.

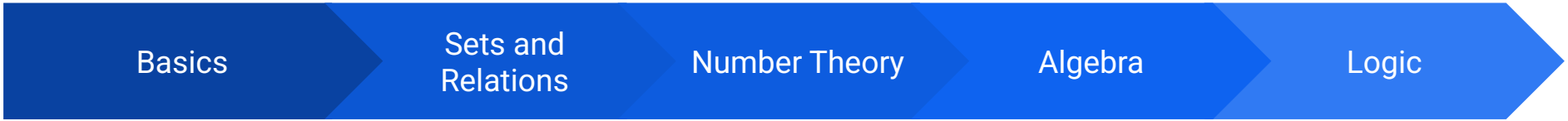
Any Feedback / Questions / Wishes / … ?

→ estraschil@student.ethz.ch

→ “Emil” (floxi4) on dinfk-discord

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

Where are we right now?



Basics	Sets and Relations	Number Theory	Algebra	Logic
Abstraction	Sets	Division	Monoids	Proof Systems
Formulas	Set Operations	Primes	Groups	Logic
Statements	Relations	Modular Arith.	Euler Totient	Calculi
Prop. Logic	Equivalence	Diffie-Hellman	RSA	Res. Calculus
Pred. Logic	Partial Order		Rings	Prop. Logic
Proof Patterns	Functions		Polynomials	Pred. Logic
	Countability		Finite Fields	
			Err. Corr. Codes	

Questions?

Plan for Today

1. Theory Recap
2. Kahoot
3. (Polynomial Division)
4. Polynomial Proof Practice
5. Polynomial Toolkit Practice

Theory

Kahoot

Polynomial Division

Lemma 5.22 Proof Practice

Exercises