Wednesday

MODERH COMPLEXITY THEORY

Week 18

" TAUGHT BY

10. prof. girish vorma

COURSE TOPICS

12

e. intro and proofs

- · Structure of proofs
- · logical quantifiers
- · countable & uncountable infinities
 - cantor's theorem
- 5
- · some basic algorithms
- 6
- Karatsuba's multiplication
- 7
- euclid's GCD
- · proof of correctness & complexity
- · aniomatic definitions & impossibility results.

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