FTBU: Theory of Computation

From the Bottom Up Series

01
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What defines computing?

- First, what's a good definition?
- Input → Machine/Program/Algorithm → Output
- The idea of a one process being more complex than another, general complexity

02
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Mathematical concepts

- Set theory basics
- The basic concepts of cardinality and countability

03
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Machines

- Descriptions of
  - FSA
  - Turing machine

04
...

Discussion of the idea of something being "uncomputable"