

Lecture 1: Out of the Mire

Every demonstrable science must start with indemonstrable principles. Otherwise the steps of demonstration would be endless

Aristotle

The Mire

Euclid's Elements

Foundational Crisis

Hilbert's Program

Further content from the first lecture.

Definition 1 (Turing Machine) This is a Turing Machine

Thanks to [\[jdhlectures\]](#) for writing an interesting book.