

Class 11: Exams; Robotics; Math Objection; Future

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Logistics

- Midterm
 - get info from Ralph online!
 - #s 5, 18, 20
- practice final ...
- time & place of final exam
 - studio audience: Thurs 6/24 2-5pm
here
 - delay home audience: Wed 6/30
2-5pm
 - * reach me during that time through
518.276.8105

Robotics

- How smart how fast?
 - Turing Testing for sub-persons
 - Zombanimals
 - LEGObots as zombanimals
 - can be scaled up to persons?
- Good for what?
 - “Augmentation” *Aliens*
 - Telepresence
 - * a **physical** wumpus world

The Math Objection

- The Liar Paradox
 - on two-sided paper
 - call Ralph & JR9000 . . .
 - show proof in Hyperproof
 - Norman goes kaput_{startrek}
- The Gödelian Puzzles

Godelian Puzzle 1

see section on Puzzles on web site

Godelian Puzzle 2

see section on puzzles on web site

- **A Sophisticated Mathematical Objection**
 - The Halting Problem
 - * Turing's World example: the Chaos Machine
 - * HP formalized. . .
 - * The Impenetrable Machine. . .
 - * The Objection Sketched. . .

- **The Future...**