Administrica.

· Practice Final is art

1 Probability !

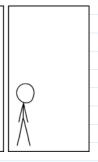
How do we use new phenomena as resource? Start w/ a basiz one:

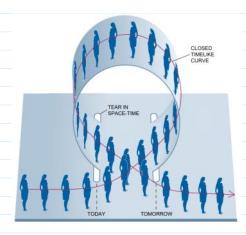
Closed Thelite Curses. (CTCs)



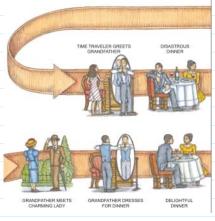


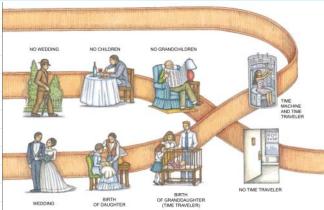






Obvions Problem:





Deutsch Model [Deutsch 91]. [Brun 03]. [Boxan 04]
[Anvorson-Wattons 08]

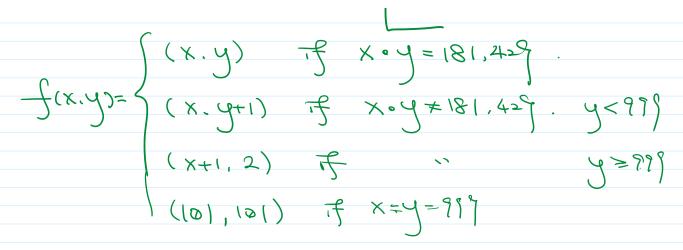
tey Tolen: Causal consistency

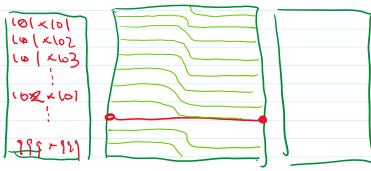
Example. SAT
$$\phi$$

Build $f(x) = \begin{cases} x & \text{if } \phi(x) = \text{true} \\ (x+1) & \text{mod } 2^n & \text{if } \phi(x) = \text{false} \end{cases}$

TES INSTANCE.







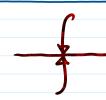
"DO NOT"

MESS

WITH TIME.

They NP = PCTC = PSPACE.
"pf". Using the like space under general relativity:

Grandfather paradox is not the obstable. P = NP is.



Condusions

- · Universal Compitation is (one of) the greatest innovation.
- · Challenges how to view the world.
- · Can be modeled & studied.
- · Sharpens dunking skills.

Where to go from here? (Onward)

Thank you for leaving ToC w/ me.