

Thursday, April 13

Final Exam Review

relations operators
functions

- Rodin ASCII syntax

$$\exists x. x: \text{Nat} \Rightarrow x \geq 0$$

Math form

$$\forall x. x \in \mathbb{N} \Rightarrow x \geq 0$$

- ProqTest 2

$\begin{pmatrix} m \\ n \end{pmatrix}$

↳ Part 1 of Lab 3 and PractiseTest 2
↳ part 2 X

Specify invariant properties

nested quantification.

$\forall \exists$

$\exists \forall$

manipulate sets/relations

ftp

mz

→ hours = data sheet

inferent rules
70 rule

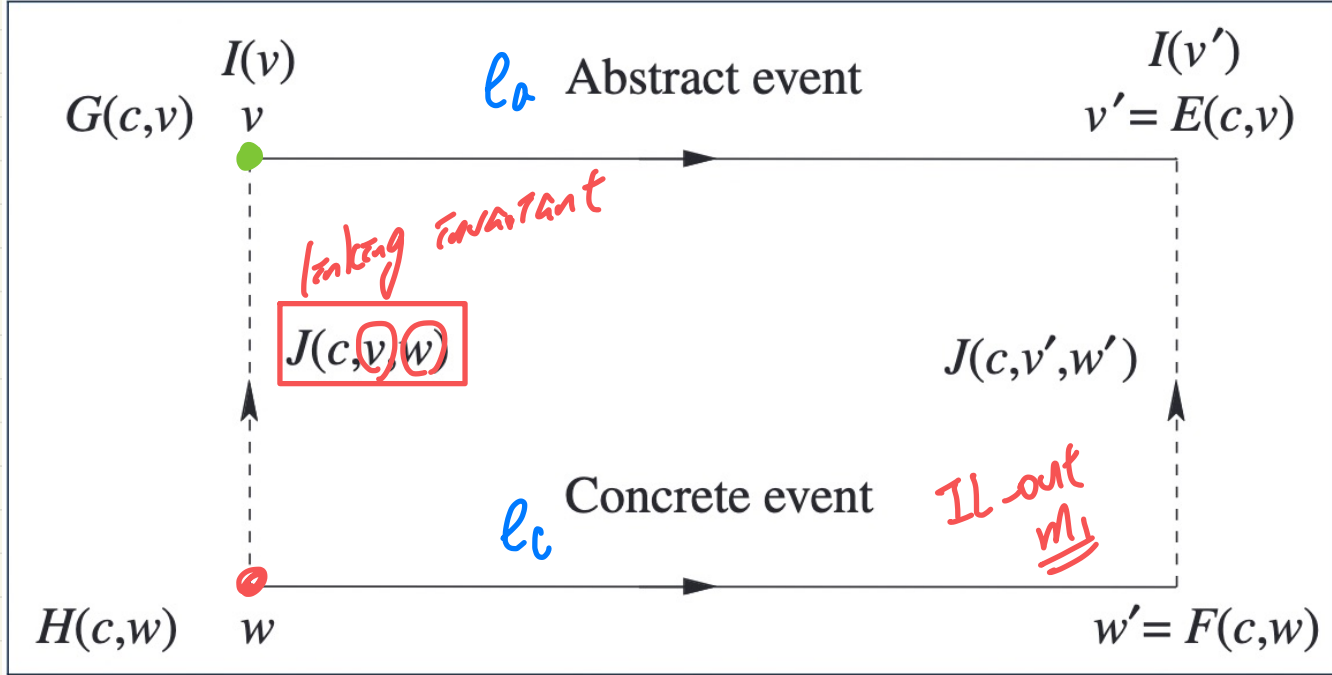
refinement

- 5 problems
↳ 250 marks

Calculator ✓

Sketch paper X

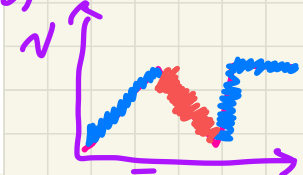
new events \Rightarrow possibility of
 deadlock / ?
 diverg.



variants

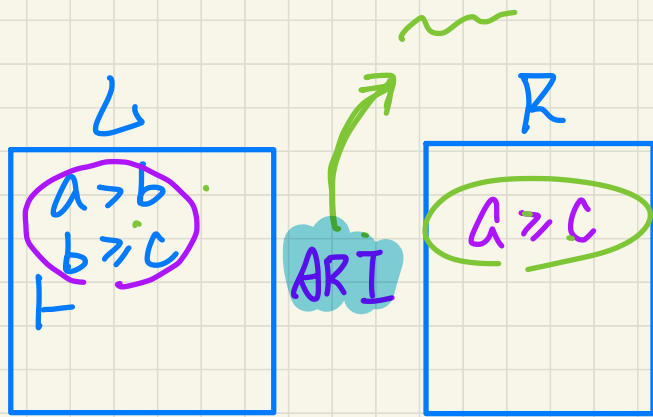
\hookrightarrow 2 POs.

trace evaluation
 of variant

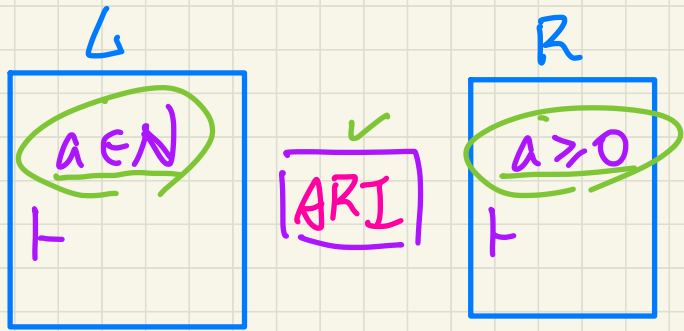


Q1. Is e_c simulated by e_a ? Or e_a simulated by e_c ? est
act.

Q2. new events correspond to step.



0. Read the sequents H and G carefully first to see what's to be proved.
1. Go with your intuition about proving the sequent (by following one path)



↳ if not able to prove the sequent think backwards about different ways of branching