

BEWARE ALL WHO ENTER - HERE BE DRAGONS

TURN AROUND WHILE YOU CAN

:( WHY MARK, WHY?

WHY SOPHIA, WH?

tfw when the cactus-and-the-beetle problem didn’t come up

OH HI EUGENE ;(

hi i am sad :(

i feel ya man



i am sad but at least my notes look pretty $P(~Box~) \land \forall ~t1~, ~t2~ : ~BT~ [P(~t1~) \land P(~t2~) \rightarrow P(~Nd t1 t2~)] \rightarrow \forall ~t~ : ~BT~ [P(~t~)]$

:0

1a.

Nd (Nd Box (Nd Box Box)) Box

bi.

[P(Box) ^ ∀t1, t2: BT.(P(t1) ^ P(t2) -> P(Nd t1 t2))] -> ∀t:BT.P(t)

ii.

[∀t’:BT.Q(Box, t’) ^ ∀t1, t2:BT.(∀t’:BT[Q(t1, t’) ^ Q(t2, t’)] -> ∀t’:BT[Q(Nd t1 t2, t’))]] -> ∀t,t’:BT.Q(t, t’)

c.

d.

e.

2a.

b.

ci.

V: N ( - 1) - cnt (bounded by >= 0)

ii.

d.

E.

That looks like my answer sheet ;(