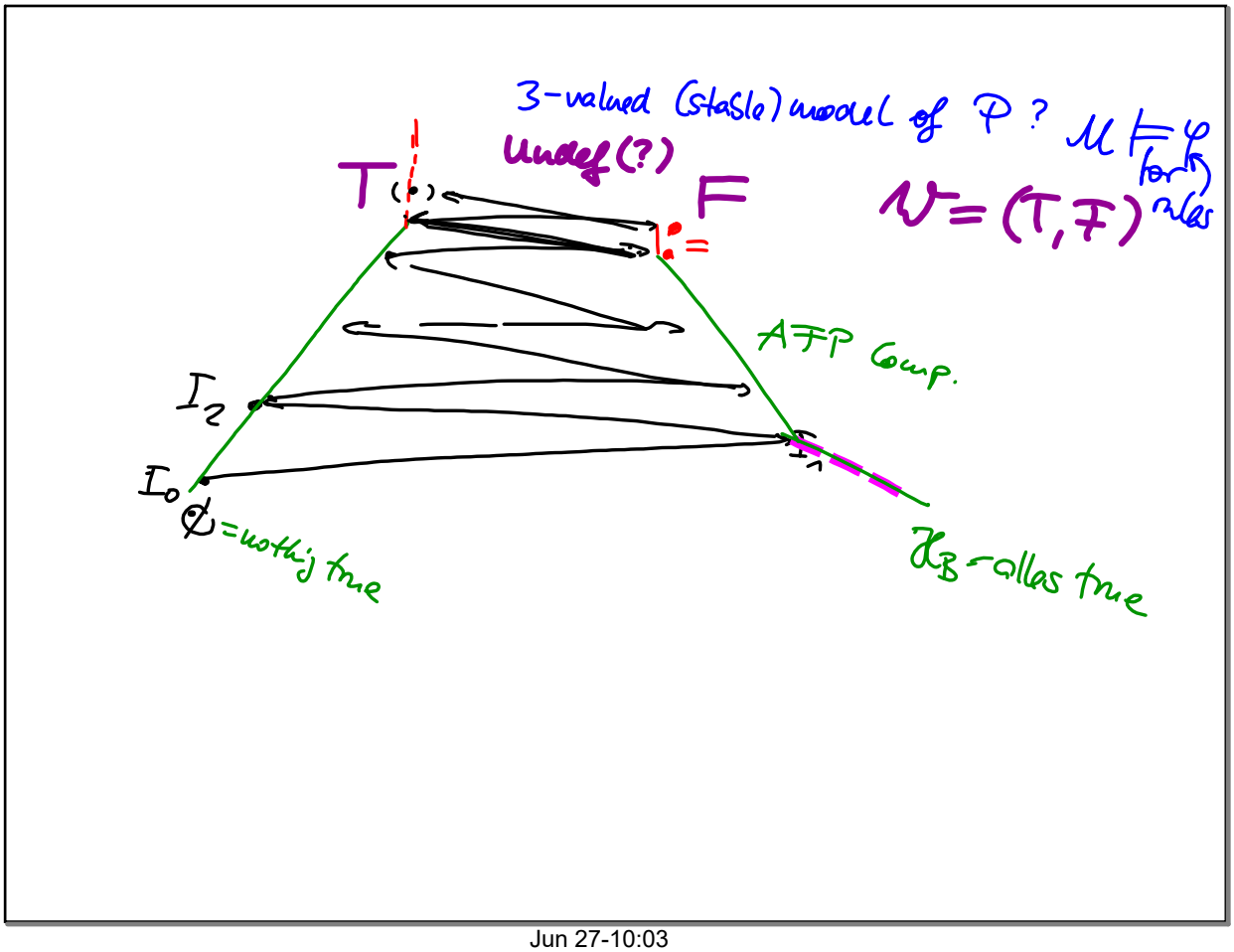


Jun 27-10:03

Se 649 : $\mathcal{Y}_1 = (\{p(b), q(c)\}, \{p(a)\})$

$\mathcal{Y}_2 = (\{p(a), q(c)\}, \{p(b)\})$

$\mathcal{W} = (\emptyset, \emptyset)$

possible candidates for stable models (total):
set $p(a)$, $p(b)$, $q(c)$ → T, F

is there a stable model where $q(c)$ = true ?
... yes.

is there a stable model where $q(c)$ = false
... no

is there a stable model where all $p(a), p(b), q(c)$ are true?
... no

- $M = (\{p(a), p(b), q(c)\}, \emptyset)$ is a model of P but NOT STABLE

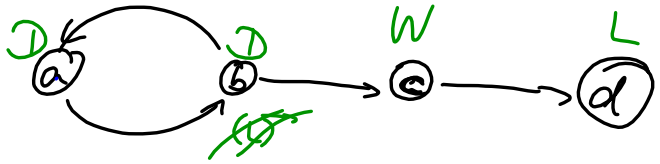
is there a model where all are false ?
NO

$N = (\emptyset, \{p(a), p(b), q(c)\})$ $\not\models P$

Jun 27-11:19

Se652

total stable



1) W L

2) L W

3) W W

4) L L

"consistent"

inconsistent to the rules, not stable

Jun 27-11:35