Worlds extension

intensionality intension

intension vs. extension

$$4! + (t \times 3 \times 2 \times 1) = 24 / =) \text{ extension}$$

$$62! = ? / = 62 \times 61 \times 60 - ... 2 \times 1$$

I go shopping on the day that John does? Tros day (R1): (Gen I. goes shapping on Tuesdays): I go shapping on Tuesdays.

(R2:) whenever John goes shapping, I also do so. * Intensionalis modals: must, can, may should, ought - -intensional, seek, want - Terry
value
intensional, seek, want - Terry
value
intension we seeks a student some shient
extension
tension
tension A pointsion with

world; a set; all the tre propositions in that would (Prila ---) Wo = { PI, P2, Psis. } W4 = { | P447 ! compatible withs
my comen t
mouledge and
beliefs. W = 2 { - . - . } John died,

John died,

John died,

John died,

Jalian is he capital

W

Talian is he capital

$$M = \langle D, g, \{0.13, I, W, R \}$$

$$= 6 \text{ dehic}$$

$$D = \frac{\text{dehic}}{\text{knowledge}}$$

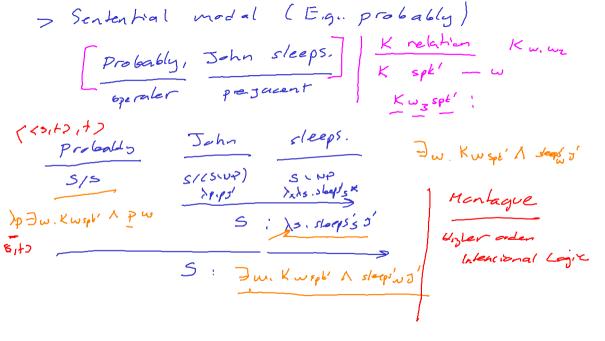
$$w' w''$$

$$w'''$$

$$Ship X Jones$$

$$Q = \frac{\text{deonhic}}{\text{deonhic}}$$

loves! xx hy, loves xy :: <e, (e, +>) S x. sleeps x sleeps ! e = entity t = truth values 1x 2s. sleeps x sleeps : world 1x ks, sleeps's X Ix Xw. sleeps x sleeps (old veroin) : (e,+> sleeps (new veilien) : <e, <5, +>> John -> W237 -> 0 or 1



[Certainly] Idm sleeps. Qualifying over the Vw, Kwsph' -> sleeps'w o' enline w

Certamy := SIS ! Lp du Kwiji -> PW

"modal availing" may pass. John Pass. John nos SINA 5/ (51 NP) (SIMP) / (SIMP) Lp Xx Jw. Kurpe Apxw (xxxw.pars'wx) 1 p. p5 SINA XX Jw. Kwspl 1 (Xx Xw. pass' x) X W Ix Du. Kwspr A (Xw. pass wx) w (he Dw. Kuph' A pass'wx) (Xx Fu. Kupt' A pass' x) 5' Ju. Kuspe 1 11 paces with

John may smoke.

Jw Owspi' A souden's