M, W IF OP (=> M, W IF 707)

(=> M, W XF D7) (=>iVoricore V E W

Rwy implica M, V IF Tyl (=> existà V E W

a.i. Am Rwy si M, V X74

M, V IF Tyl

(2) eristà VEW ai. Rwysi Mivit P 7(p=>g)=7(7pvg) = p 1/19

M, w II- pp (=> M, w II-7D7P (=>)

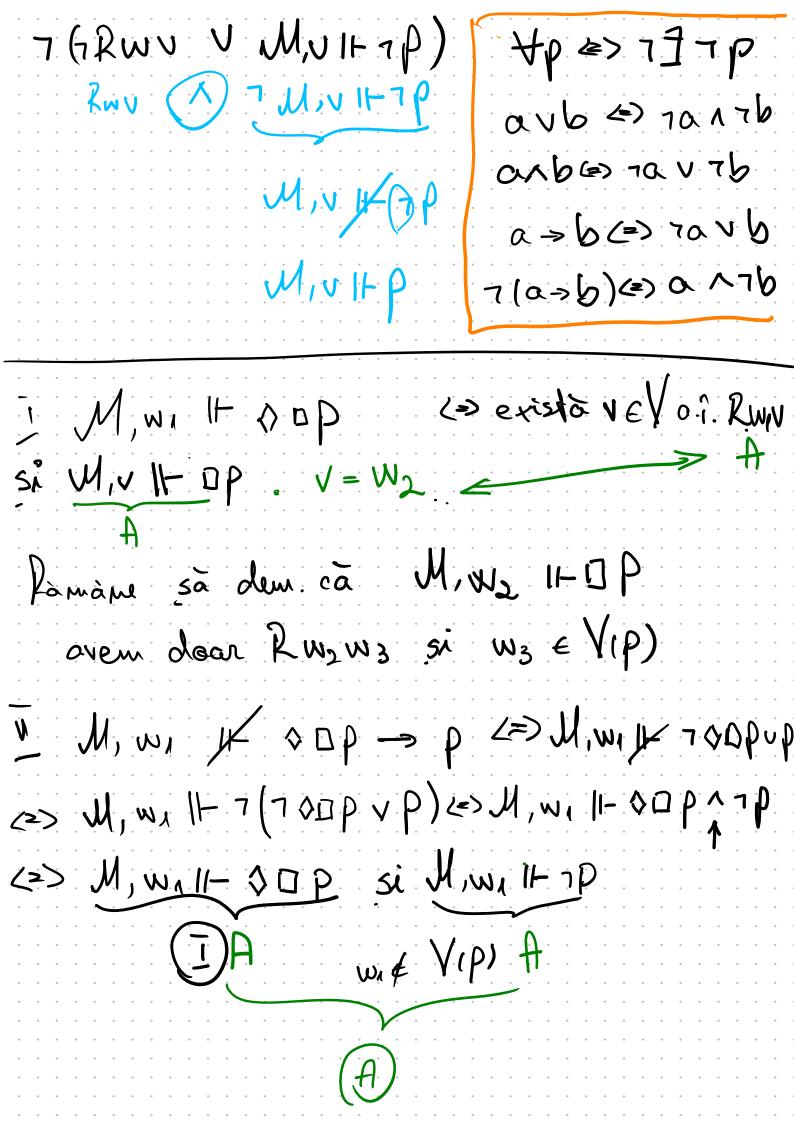
M, w IX D-P (=>) mu e adevarat ca (pentime

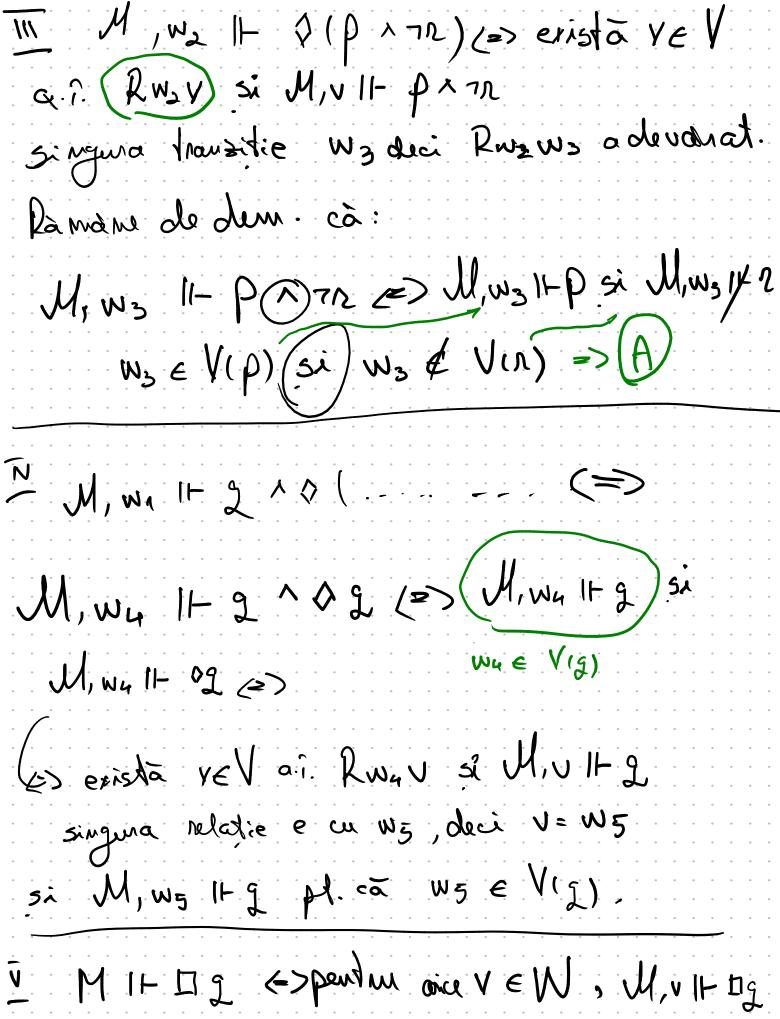
orice VEW, RWV implica M, v II-1P)

L=> exista VEW, a.i. Rwv mu implica

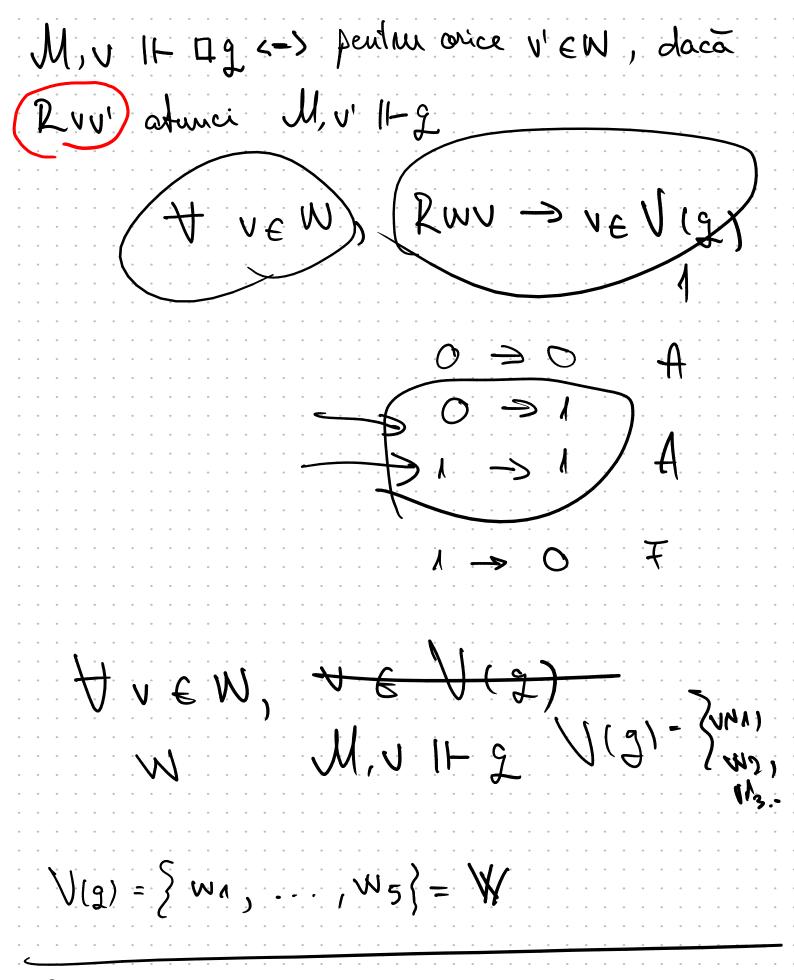
M, v II-7P (=>) exista VEW, a.i.

Rwv si M, v II-P.



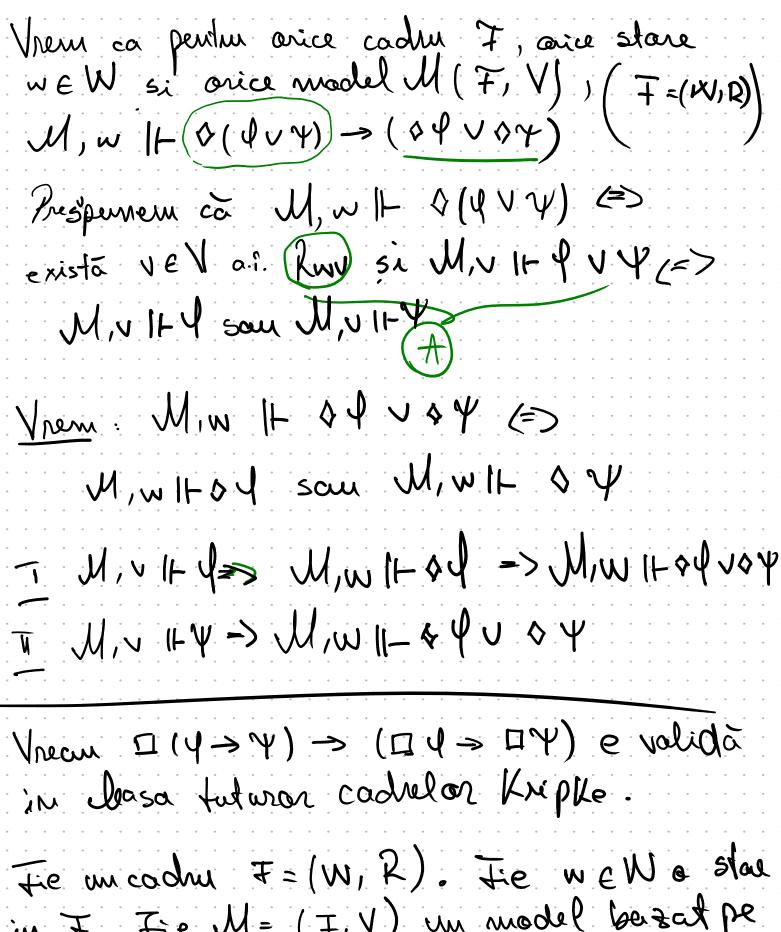


Fie V & W ales arbitros.

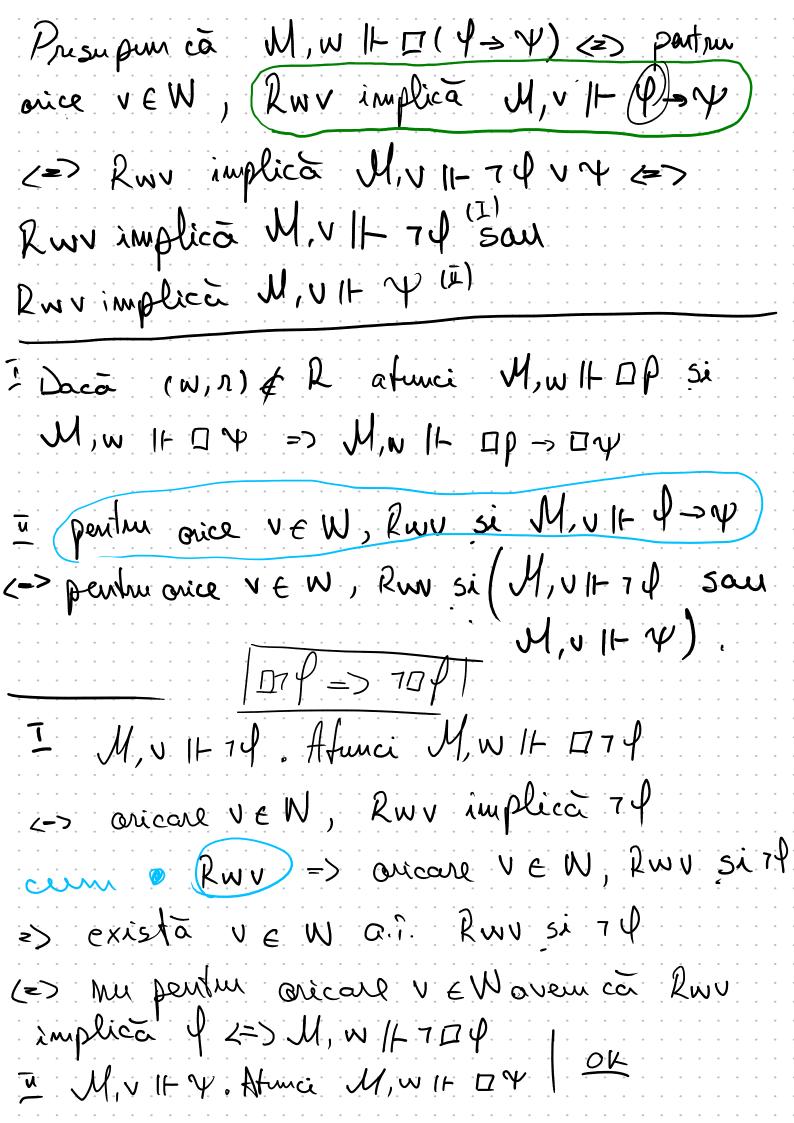


Person evice formule 1, 4

S(4 vy) -> (24 v 24)

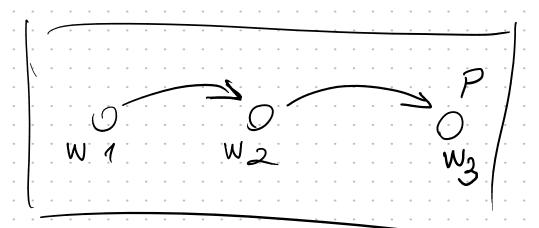


Tie un codou F = (W, K). Lie weWe stat pe in F. Tie M = (F, V) un model bestat pe F. Vueur sa dem co $M, W \not\vdash D(J = \Psi) \rightarrow$ (DJ = DY).



Deci M, w 11- 114 -> 174

OSP -> SP une valida in clasa tuturar cachelor Kripke



Fie cadhu priphe 7=(W,R), a stone WEW si un model M=(7,V)

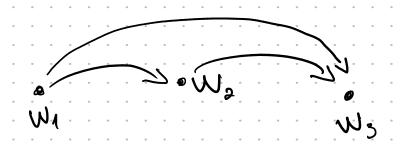
 $W = \{ w_1, w_2, w_3 \}, R = \{ (w_1, w_2), (w_2, w_3) \}$ $V(p) = \{ w_3 \}, \Phi = \{ p \}$

M, wy IF OPED existà we Woi Atwells

M, wy IF OPED — r — eristà

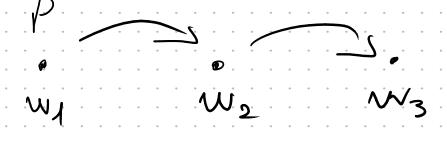
ws & Wai. M, ws IF P.

M, w, pt op pt ca exista Runuz dar M, w, pt p Rab Rbc -> Rac

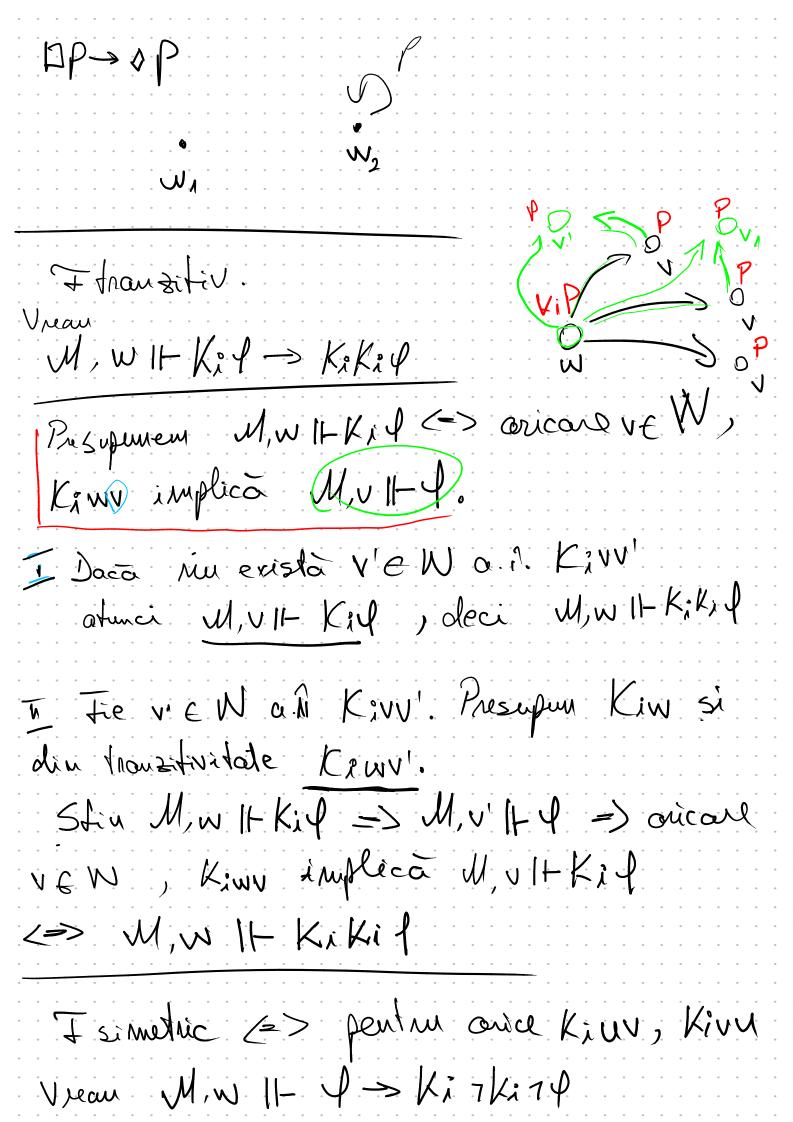


Moust-OOP => May 1+OP

 $P \rightarrow \Box \Diamond P$



P W_{λ} W_{2}



Prisipin co M, N It of Kith 79(=> Ki Right Tentru ca 7 e simetric 32 M, w It I => perturance VEW, Krwv implica Kirw ≥> pendru once VEW, Kinv implica cà existà w'= w ai. K: vw' si M, w' | 1-4 ≥> pentru orice V∈W, Kiwvimplica M, v | + K; f <=> M, w | + K; k; f With www show 11- P Ki Ki Y