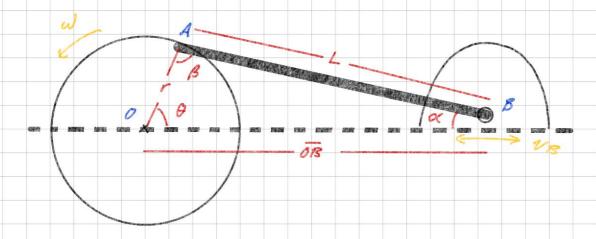
"MECHANISMS MODELS" PHASE ZA



Assumptions

Fixed: r,L

variable: 6,08, w, a

Trigonometric relations

$$V_{B} = V_{A} + V_{B}/A$$

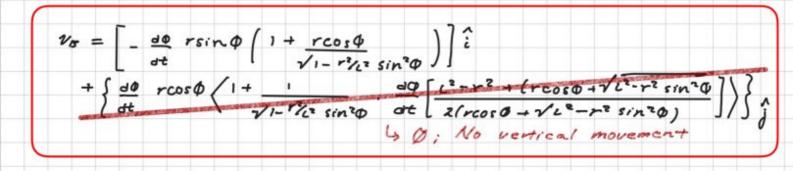
$$= (W_{A} \times V_{A}/A) + (W_{B}A \times V_{A}/B)$$

$$= [W_{A}A \times V_{A}/A) + (W_{B}A \times V_{A}/B)] + [W_{B}A \times (U_{A} \times V_{A}/B)]$$

$$= [W_{A}A \times (V_{A} \times V_{A}/B)] + [W_{B}A \times (U_{A} \times V_{A}/B)]$$

$$= (W_{A}A \times V_{A}/B) + (W_{A}$$

= rcos 0 = VL - r'sing - Comes from Pythag's ID.



V_B

0 → Some function acting as an imput for UB.

Vs → 1 function dependent on 0 = t

r-sin-phi -> rsin 0

r-cos-phi -> rcos B

squ-second-term -> 1/2 sin 0

squi -> 2/1-squ-second-term

a -> (2-r2

second-squi -> 2/2-r2 sin 20

phi-diff = sym diff (phi-function)