



RATHER THAN COMPUTE (\*) TO DETERMINE RES\*,
WHY NOT AVOID THE NEED TO ISOLATE THE LENGTHSLAVE

 $Res' = \rho_e u_e \delta''$   $= \mu^{-1} \left[ \rho_e \int_0^h u_e - u(y) dy \right] \quad 84 \text{ (H) on Photo O}$   $= \mu^{-1} \left[ \int_0^\infty \rho_e u_e - \rho_e u(y) dy \right] \quad using \rho_e \quad const,$   $= \mu^{-1} \int_0^\infty \left[ \rho u_{nov}(y) - \rho u_{vise}(y) \right] dy.$ 

ADVANTAGES:

- O UNAMBIGUOUS
- @ CHEAP + EASY TO COMPUTE
- 3 CLASSICAL INTERPRETATION IN Z.P.G. ELOW

DISADVANTAGES:

(D PLOVIDES NO LENGTHSCALE (BUT CAN GET ON FROM (\*) ON PAGE (D)

COMET

(4)

SIMILARLY TO RED, TO COMPUTE RESS SANS 83 BY ("FIT"), CAN BE TRANSFORMED INTO

RESS = U-1 | PUVISC - PUVISC dy THOOGH AGAIN (PUVISC) LOOKS, AGAIN, PRETTIER.

