













□ Wake analysis

- Control volume approach + momentum theorem
- Energy assessment

!! Stationary wall: must subtract contribution from wall boundary layer

$$c_D A = \int_{S} (1 - c_{ptot}) dS - \int_{S} \left(1 - \frac{u}{V} \right)^2 dS + \int_{S} \left[\left(\frac{v}{V} \right)^2 + \left(\frac{w}{V} \right)^2 \right] dS$$

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- Extensive measurements needed (costly)
- Need of traversing mechanism

































































