Midtern #3 Chapt, 12 & Chapt 13.1, 13.2, 13.5 Chapt. 12 (Laminar Boundary Layers) · What are the physical attributes · How are the Navier-Stokes eans, simplified (steady, 2D) · Boundary Layer Approximations" · Blasius Solution. - how to interpret variables (transform to/from similarity & physical Variables) - predictions of Ew, F, S how to & S vary along the surface · Integral. Boundary layer Eons. - understand basic integral ear. . Sz, S, physical meaning · apply flat plate solution Chapt. 13 - concept of Reynolds decomposition - averaged N-s con, with turbulence term (understand role of fluctuating velocity on mean momentum). - application of power law velocity profile to obtain wall stress distribution. Laminar starting region.