

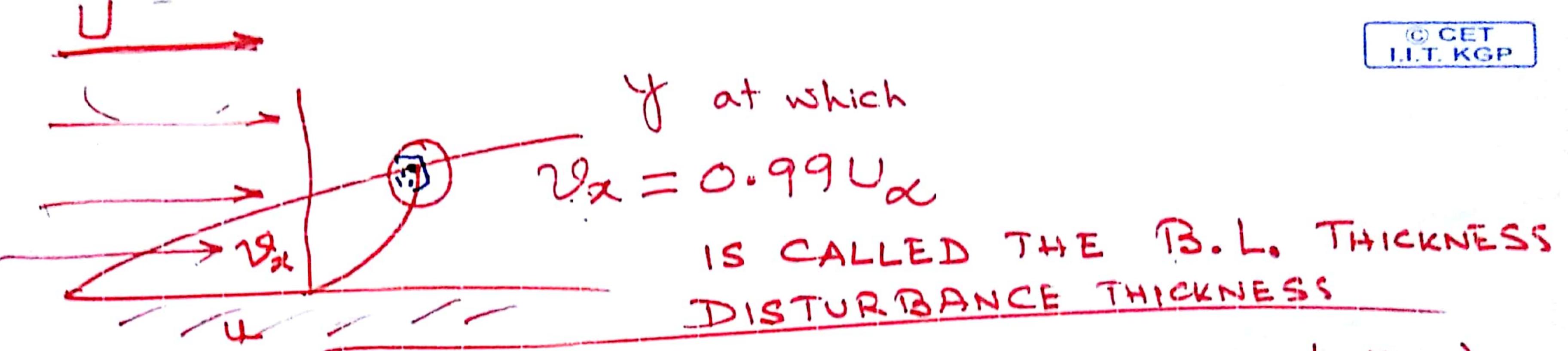
BOUNDARY LAYER APPROXIMATIONS



LAMINAR FLOW ON A FLAT PLATE

BL 2





DISPLACEMENT THICKNESS, 8 AMOUNT OF REDUCTION VISCONS MASS FLOW RATE IN A B.L. INVISCID Frons

REDUCTION. THE FLUID REDUCTION MASS ACTUALLY . FLOWS IN THEM

$$\frac{2^{3}x}{U} = 9(7) \quad \eta \sim \frac{3^{4}}{8(2)}$$

$$\frac{3^{4}x}{3^{2}x} + \frac{3^{4}x}{3^{4}x} = \frac{3^{2}x^{4}x}{3^{4}x} = \frac{3^{4}x^{4}}{3^{4}x} = \frac{3^{4}x^{4}}{3^{4}x} = \frac{3^{4}x}{3^{4}x} = \frac{3^{4}x$$

BLASIUS 1

BLASIUS 2



BY INVOKING & THE METHOD OF

COMBINATION OF VARIABLES / N= 3 / TX

= Varu (df). Var . Var Udf dn . Var Udf 28=-34=-32[f.1かえ]. =-[アスロ・計・ナー34]

BLASIUS 4

「カスレ、女子、るか、女」となり 7= 立一型 7 一寸

19 at 18 ft.

BC.
$$\eta = 0$$
 $\int = \frac{df}{d\eta^2} = 0$. $\eta = 0$ $\int \frac{df}{d\eta^2} = 0$ $\int \frac{df}{d\eta} = 0$ \int

BLASUS 6

CCET LLT. KGP

$$N = 3 \sqrt{3}x$$

$$N = 5.0 \quad EDGE \quad OF THE \quad B. L. \quad S = 0.991$$

$$S = 5.0 \quad The result of the result of$$

© CET

TW = 0.332 U PAU/2 = 0.332 PU2

LI.T. KGF

$$T_{N} = 0.332 pu^{2}$$

$$Rex$$

$$SHEAR STRESS COEFF. Cf$$

$$Cf = TN = 0.664$$

$$TRex$$

$$S = 5.02$$

$$Rex$$