





















AlRFOIL - TURBOLENST FLOW

$$c_{f}$$
 flat plate $c_{f} = \frac{0.42}{\ln^{2}(0.056 \text{ Re})}$ flow completely
 c_{f}^{42} 4.13 log(ke c_{f})
laminar $-$ turbolunt
 $\chi_{\tau_{R}} \rightarrow Re_{\tau_{R}} = \int_{-\infty}^{\infty} \frac{V_{00} \times \tau}{M_{0}} \approx 350,000 \div 1,000,000$
Since le high for most conventional airplaines in
subsonic and wing \Rightarrow we can assume that the
flow is turbollist from the Leading edge of the wing
 $c_{4,p}$ via superiment (CFD does not provide
very goal results)













































