Given:  $D = f(\alpha, \rho, V, \mu, b, c)$ or  $g(D, \alpha, \rho, V, \mu, b, c) = 0$ 

Parameter

7-3 = 4 P. products.

 $\frac{\pi}{3} = \frac{eVc}{\mu}$ = Re

= A (aspect ratio)

So CD = F(A, Re, A)

Alternative Pi products:  $\overline{T}_{i} = \frac{D}{2eV^{2}b^{2}} = \frac{C_{D}}{R}$ 

These are valid alternative parameters which determine CD although a bit unconventional