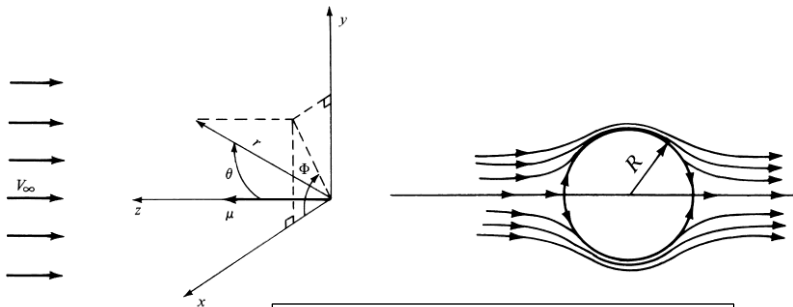
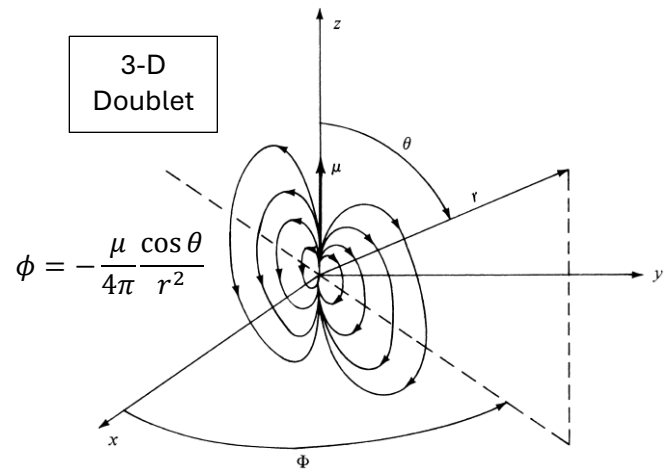
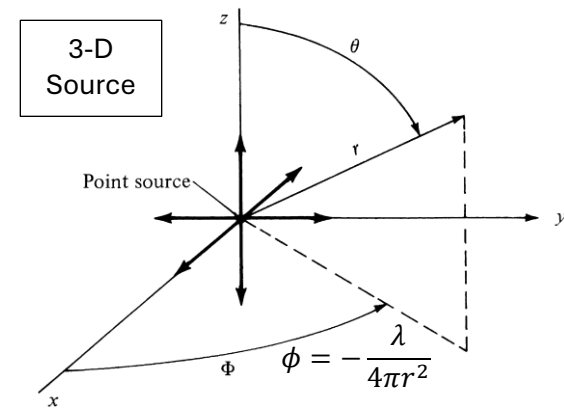
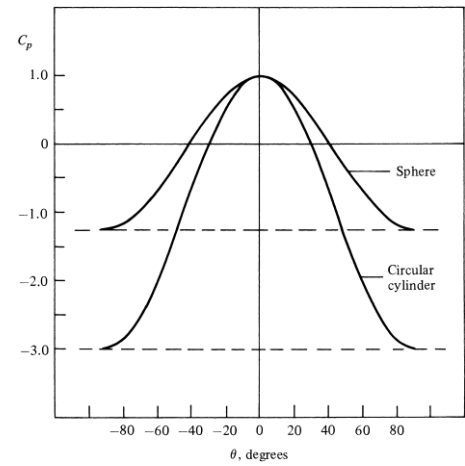


(KEY CONCEPT) [C-4-2]



3-D flow over a sphere:

$$C_p = 1 - \left(\frac{V}{V_\infty}\right)^2 = 1 - \frac{9}{4} \sin^2(\theta)$$



Flow field sketch (source: J.D. Anderson "Fundamentals of Aerodynamics" 2016)

Lined area for notes, consisting of multiple horizontal dashed lines.