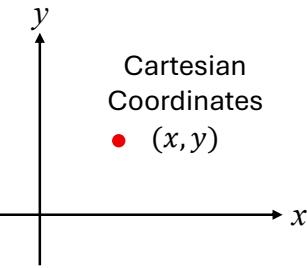
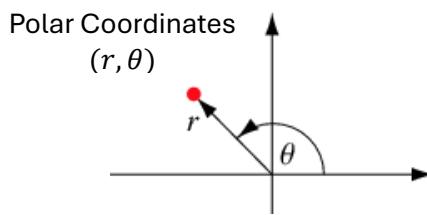


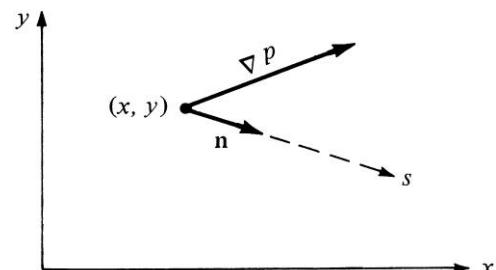
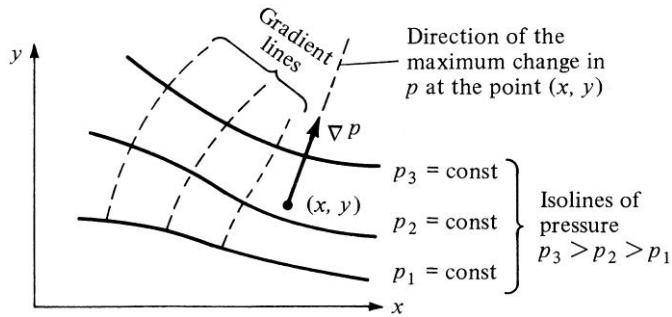
## (KEY CONCEPT) [B-1-2]



$$\mathbf{V} = u\mathbf{i} + v\mathbf{j}$$



$$\mathbf{V} = V_r \mathbf{e}_r + V_\theta \mathbf{e}_\theta$$



Gradient of a scalar sketch (source: J.D. Anderson "Fundamentals of Aerodynamics" 2016)

