Online class # 02

Date: 29/06/2021

Chapter 04 (gradient, divergence)

Time: 0930 - 1010

Video: https://youtu.be/qtSOQ\_E8RII

$$\left(\frac{\partial P}{\partial x}i + \frac{\partial P}{\partial y}j + \frac{\partial P}{\partial z}i\right) \cdot \left(\frac{\partial P}{\partial x}i + \frac{\partial P}{\partial y}i + \frac{\partial P}{\partial z}i\right) = 0$$

$$\phi(x,y,z) = C$$

$$d\phi = \frac{\partial \phi}{\partial x} dx + \frac{\partial \phi}{\partial y} dy + \frac{\partial \phi}{\partial z} dz = 0$$











