

Crash course on Potentials (2+1)D

Ex (Ex, Ey) D-1

B ~ B=

Potentials ~ D

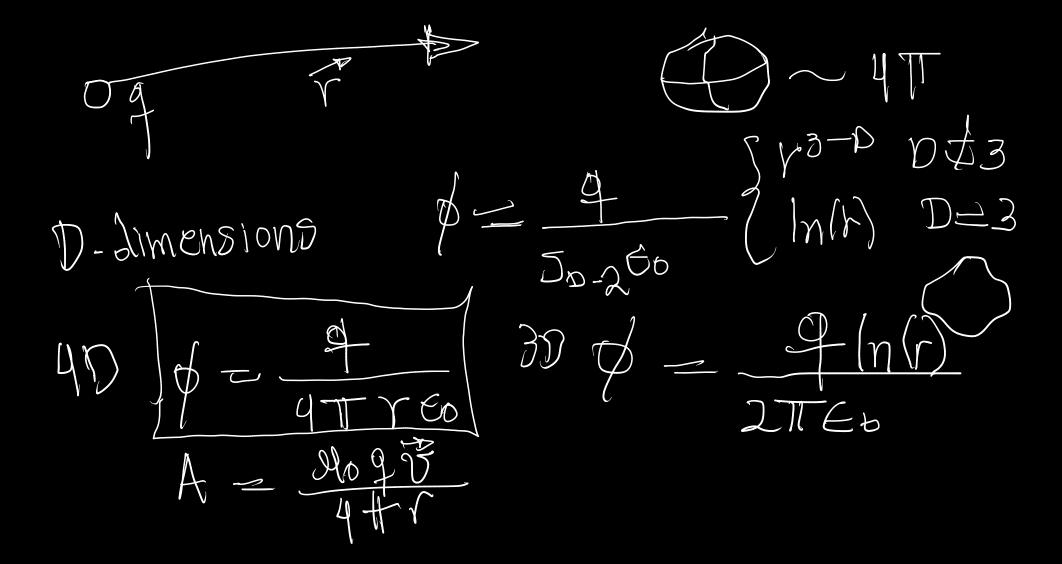
Potentials ~ D

Real World rbitrary dimensions

Under the assumption that A doont change with time A field is constructive E = VV SEDD only depends on the endpoints

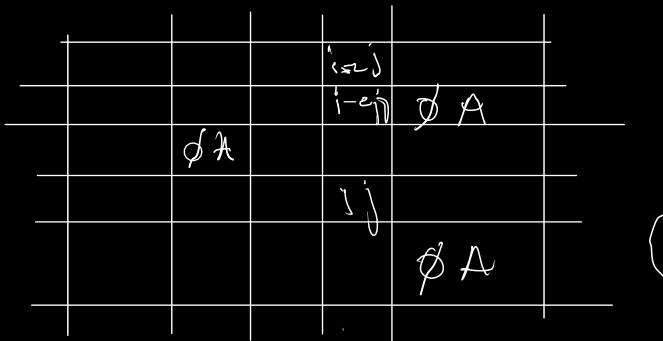
To SE di

Stal = 0



Approximation 522 - No Eo

No Eo The speed of light



Array

Maxwells Equations TXB = Moco Ot 

M = 0, 1, 2, 3Wave Equation behaves like

O WRYC

Taylor DPotential  $\frac{\partial A}{\partial t}(t+e) \sim \frac{\partial A}{\partial t}(t) + \frac{\partial^2 A}{\partial t^2} = + \dots$   $D + = \nabla^2 A A$ 

theray stored

Ut SV (E2+B2)

rval = DPotential [V] [] Leo rval = Potential [V] [] Leo A tuel LOSICE Switch (II) o Case paint pots. breaki case 18, nal= Hotental [v] [i+1] (v) + Poten "Ji-1]

All cielos con be stored in an object Fun Thuy = Du An - Dy Au

