

Lecture 1

رياضة









Date: The First lucture Subject: linear Partial Differential Chs equestion !. u= P(x,y) eloppyliming (X as land C) y sy = uy * 2nd order P.D.E auxx + 2huxy + buyy + 2fux + 2guy - G(x, y) *Type of P.D.E -1- la Place egn - Au=0 D = 72 - V.V -2- wave eg? : 3. Heat eyn: 84 - 1 du st auxx + 2huxy + buyy = f(x,y) 4- Euler egn, * Calssification of P.D.E at linear and nonlinear P.D.E 1 defree 1 = Jaine g mu 1 1 GPE (310 sipe) .. 695 capsigo (1912 tarino in 2020/2/8 il la uper los of ie le del apres veril non



