

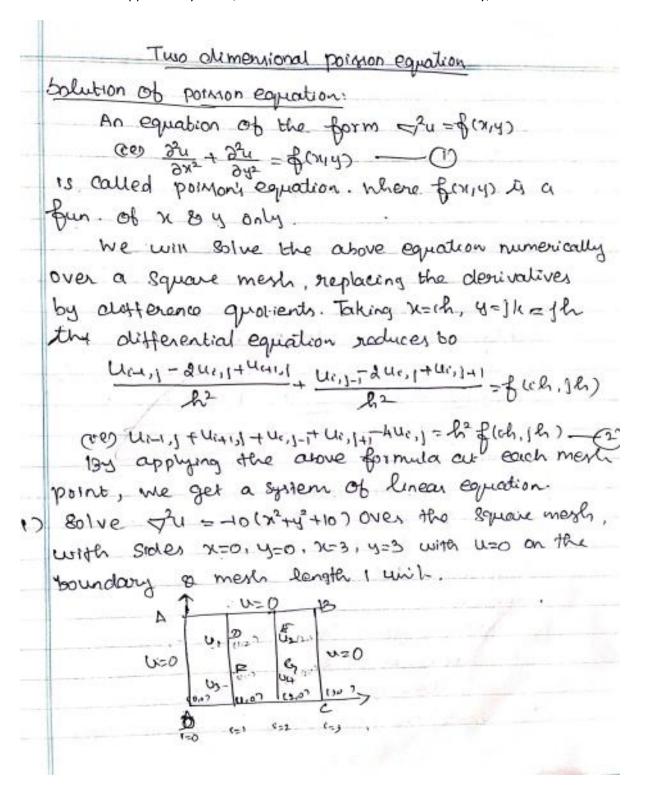
SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore - 641 107



AN AUTONOMOUS INSTITUTION

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai





SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107



AN AUTONOMOUS INSTITUTION

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

bola: Given p. D. E 15 72 - 10 (x2+y2+10)	
Course D. P. E 15 Tu - 10(AT)	
Criven merh length ax=h=1.	_
Criven men rengin	
The formula " + Ucojan - hue,) = h2 fich, ja,	
The state of the s	
=> U(1) + U(+1) + U() + U() + U() = -10 ((2+12+10) - 10)	4
=> U(-1,1-+U(+1,1) ·: h=)	-
Applying the formula (2) at D (0=1,1=2)	
0+0+42+43-441=-10	
> 11.44 = hu = -150 (0)	
Applying the formula of at E (C=2, J=2)	
U1+U4 -4U2 = -180	
Applying the formula @ at F (c=1, s=1)	
U1+44-447=-120 -5	
Applying @ at B, (c=2,3=1)	
U, +43 - HUH = -10 (22-11-10)=-150)
we can silve the Equation (0,00,00,00)	
either by direct elimination con by	
Gams-seidal method.	
Method 1:	
(5)-E) gives (Elininat Ui)	
4(42-43) = 60	
Ub-U3=15 - FA	
Eliminate us from @ 8 0, 3+4 (4) gives	



SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore - 641 107



AN AUTONOMOUS INSTITUTION

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

