	Nome - Ayush Jain
	DATE:
25/04/2021	Engineering Physics
	Tutorial -6
	Sale
	5 5 5 5 1 ( C C 7 5 ) 7 1 1 1 ( L 1 1 5 ) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
15	d= 0.30cm
	d15 = 0.62 cm 81810: (18808)
	d25 = ?
	bacd arch da 4 3
->	Dr = 4ndR
	$D_{15}^{2} = 60dR - (i)$
	Ds = 20dR(2)
	SLEL OXMOTAL
	(1)-(2) 40AR = DIS - DS
	$AR = D_{1}S^{2} - D_{2}S^{2} = (0.62)^{2} - (0.3)^{2} - (3)$
	46 40
	and the second of the second o
	D252 = 100dR - (4)
	(4) - (7) = 802 = D252 - D52
	$2D_{15}^{2} - 2D_{5}^{2} = D_{75}^{2} - D_{5}^{2}$
	D25 <sup>2</sup> = 2D15 - 05 <sup>2</sup>
7	D25 = V2 x 0.622 - (0.3)2 = V0.6788 = 0.6238cm
	To K and it
2>	tano 6 0 = 3×10-6 = 3×10-5 rad 3 microns
	16 × 10-2
	(0)
	: B = d = 450 × 10 - 75 × 10 - 4 (-10 cm -)
	240 2×1×3×10-5
	but B = m where x = 10cm, n = number of tringes.
	n
	". N = 10 × 10 - 5 = 18.33 & 13.
	75×10-4

