Teacher's Signature

posed

6.314 = 471×10 × 10×0.454 x2 2 (02+22)3/2

6.314 = 3.14x4x10 7x10x0.454 x1

=> 2 = 3.14x4x 10 x 10x0.454 2x6.314

 $\Rightarrow 2 = 57.0224 \times 10^{-7} - 4.51 \text{ cm}$ 12.628

percentage error = 5-9.51 × 100

4.51-5 × 100 = 9.8% olo s error

Conclusion: The rod law has been verified Since observed rand raken one nearly equal. Table-1 2=5cm

			1			1	1
position of lampass	Direct		Reverse		Mean	tano	Bx = Box
(cm)	0,	02	03	Oy			tano x(10 5)
-14	4-14	4	4	4	4	0.069	0.241
	5-12-5		5	5	5	0.087	0.304
- LEFT-10	11-10	11	11	11	11	0-194	0.679
SIDE -8	14-8	14	15	15	14.5	0.258	0.903
2717	24-6	24	24	24	24	0.445	10557
-4	39-4	39	39	39	39	0.809	2.831
-2	53-2	53	54	54	53.5	1.351	40728
CENTERO	610	61	61	61	61	1.804	6-314
2	54 2 9	54	54	54	54	1.376	4-816
4	394	39	40	40	39.5	0.0824	2.884
DTGHT6	246 3		24	24	24	0.445	1.557
8	48	14	14	14	14 (0-249	0.871
SIDE 10	11 10	11	11	11	11	2194	0.679
12	5 12	5	5	5			0.304
14	4 14	4	4	4	4	0.069	0.241

Table-2 r=8cm

Portion of		DEN	Derect current		Romers Cural		t one	ano	Box taus
Compas	(cm)	0,	0,	03	0.	1			
	-14	7	7	7	7	7	0	122	0-427
LEFT	-12	10	10	10	10	lo			0.616
SIDE	-10	15	15	15	15	15			10015
	-8	20	20	20	20	20		-	1.27
	6	29	29	29	29	29			1.939
	-4	35	35	36	36	350			20495
	-2	44	44	44	4.4	44	1		3.377
CENTER	0	46	46	46	46	46			3.622
RIGHT	2	43\$	43	43	43	43			3-262
	4	35	35	35	35	35			2.45
SIDE	6	29	29	30	.30	29.5	1		977
	8	20	200	200	200	20	0.202	1.	
	10	015	25	14	214	14.5	0.258	00	903
-	12	010	10	10	10	10	0.176	6.	
	14	7	7	7	7	7	0.122	0.	427



