-	SAM- CUBONNA CHIDIEBERE.
	16/ENZ 07 lors.
	CHEMICAL ENGINEEPING.
-	ENAINTERING MATHEMATICS.
	The power of dissipated in a resister is given in Egyptim!
	4- t = 200 v Sts and R = 8 Ins, Find the Change in Presulting from
	4- t = 200 v Sts and R = 8 Jums, Find the Change in Presulting from an plung of 5 v Sts in to and on herease of 0:2 Jum in R.
2)	The deflation y at the Centre of a circular plate Suspended at the edge and Unitaryly borded is given in Equation 2.
	the edge and Unitaryly loaded is given in Egnalin 2.
	J= <u>kwd</u> *
	Where w= total wad, d= charmeter of onle, t= thickness and
	& is a constant. Calculate the approximate productor. It is in
	y it w is increased by 3 percent, of is increased by 21/2 much
C	mel t is increased by 4 muent.
0	All !
0	P= £2
	A CONTRACTOR OF THE PROPERTY O
1	L=86pmis t=200 volts.
	de = 0. Dolm, St = 5 vilts.
	P= Ezpi
	$\frac{dP = -E^2 P^2}{dR}$
	dy= sledt + Se Se
	OP=2ER-X5+-E2R-3X0.2.
	= 2×20×1×5+(-200)2×1×0.2.
	= 400 xs + 40,000 x0,2

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