No. of the cost as	DATE:
biomic B. Loquinac CPE 3B E= modulus of Blasticity	I codewil
I = Moment of Theretia 00 the EI	1)-(Fox xEC.P) = (al) q
h = effective tength custo	(48.b) 415 + 1 = (8), 4
L & column fongthone 200 - Pope	P
TOTA DIFFERENCE TO THE PARTY OF	or ws (Par)
Calle Given:	Thomas 2:
7-010×109 Pa	39)(e1×W-6)
-1 11	· 3.0) ²
L = 3m	(200×69)(8.1×10-6) = 1.87×106N
h= 1.0	9 00-
and the state of t	(25/P) > P=P=(05/P)
0008 - = (200x FLP.) = P- YOK	cos(P) P= Porcos(Per)
(°0) × +4 1/	3497 = (48+0) 415+1=(81),d
<u>d</u> [p]=1	0.02- 3.00
81 (1	- 01 × (xc.) = 81
d [-p cos(P)] =-Par [-sin(P)	Per sin (Per) - F(P)=1+0
of Clar charl	
De de Math	1× =8.1) - (0) × 688.1) = (8)]
Newton Raphson Mother	2697 = (004.0) alo +1 2/8/1/
F(Pat)	P = 1.383×40° B 1.383×
Proces of Poles	£4 3.
Po >0.5 Por > 0.5 Por > 0.5 x (1.	e7·6)
initial guess -> 80 =0.5 Por = 0.5 x (1.	on the minds out in
[0- 1.228-0	
30011	4°01 × 6°82 × 10° W
. 01.1003	

NO.:

Iteration 1:

$$\frac{\Gamma(P_0) = (9.35 \times 10^5) - (1.87 \times 10^6)}{\Gamma(P_0) = 1 + \sin(\frac{9.35 \times 10^5}{1.87 \times 10^6})} = -705,000$$

$$\frac{\Gamma(P_0) = (9.35 \times 10^5) - (1.87 \times 10^6)}{\Gamma(P_0) = 1.4794} = -705,000$$

$$P_1 = P_0 = -\frac{\Gamma(P_0)}{\Gamma(P_0)} = 1.4794$$

$$P_1 = 9.5500$$

$$\frac{7.35 \times 10^3}{1.4794} = -705,000$$

Iteration 2:

Thurstion 2:

$$f(R) = (1.412 \times 10^{6}) - (1.87 \times 10^{6}) \cos \left(\frac{1.412 \times 10^{6}}{1.87 \times 10^{6}}\right) = 52.000$$

$$f'(P_{1}) = 1 + \sin \left(\frac{1.412 \times 10^{6}}{1.87 \times 10^{6}}\right) = 1.684$$

$$F(P_{1}) = 1.412 \times 10^{6} - 52000$$

$$F'(P_{1}) = 1.412 \times 10^{6} - \frac{52000}{1.684}$$

Thrustion 3:

$$f(R_2) = (1.381 \times 10^6) - (1.87 \times 10^6) \cos(\frac{1.381 \times 10^6}{1.87 \times 10^6}) = -9000$$

 $f'(R_2) = 1 + \sin(0.739) = 1.673$

$$f(P_3) = (1.383 \times 10^6) - (1.87 \times 10^6) \cos(\frac{1.383 \times 10^6}{1.87 \times 10^6}) = -10$$

 $f'(P_3) = (1.59) = 1.673$