Reasearch Paper =) II

- O Calculate Module on the basis of beam strength
- 1 Torque transmitted &

M = 60×10° KW 2TN

The tangential forces on each gear

Pt = 2 Mt

10 Velocity of Each gear

Todo X 103 no. of rotation 60 X103 of pinion (c)

(I) 'Calculating Dynamic load

 $c = \frac{0.111}{\frac{1}{\text{Ep} + \frac{1}{\text{Eg}}}} \text{ for 20}^{\circ}$

Pd = 21v (Ceb +Pt) @> eyvror

Calculate Pett.

CSPt + Pd

Compare Pett and beam strength

if Pett < beam strength design is esale
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