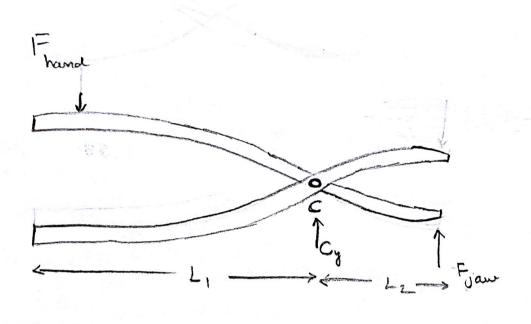
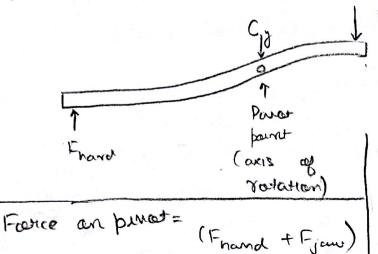
3 Free Body Diagram



Comment added after review:

In Free Body
Diagrams, other than
the cases of foras such
as granitational ellipsic
etc., the gittection
of the arrow doesn't
matter since it will
be solved for a
negative answer con
desing the numbers,
nesolving this
ambriguity.

Equations



Fjaur

Mamore about pust = Frank x dist, (L1)
Marmont about pust = Frank x dist

Force summation of equilibriums/

Equilibrium of moments (about purof puno)  $F_{hand} (L_1) = F_{jau} (L_2)$   $F_{jau} = \frac{L_1}{L_2} \times F_{hand}$ 

