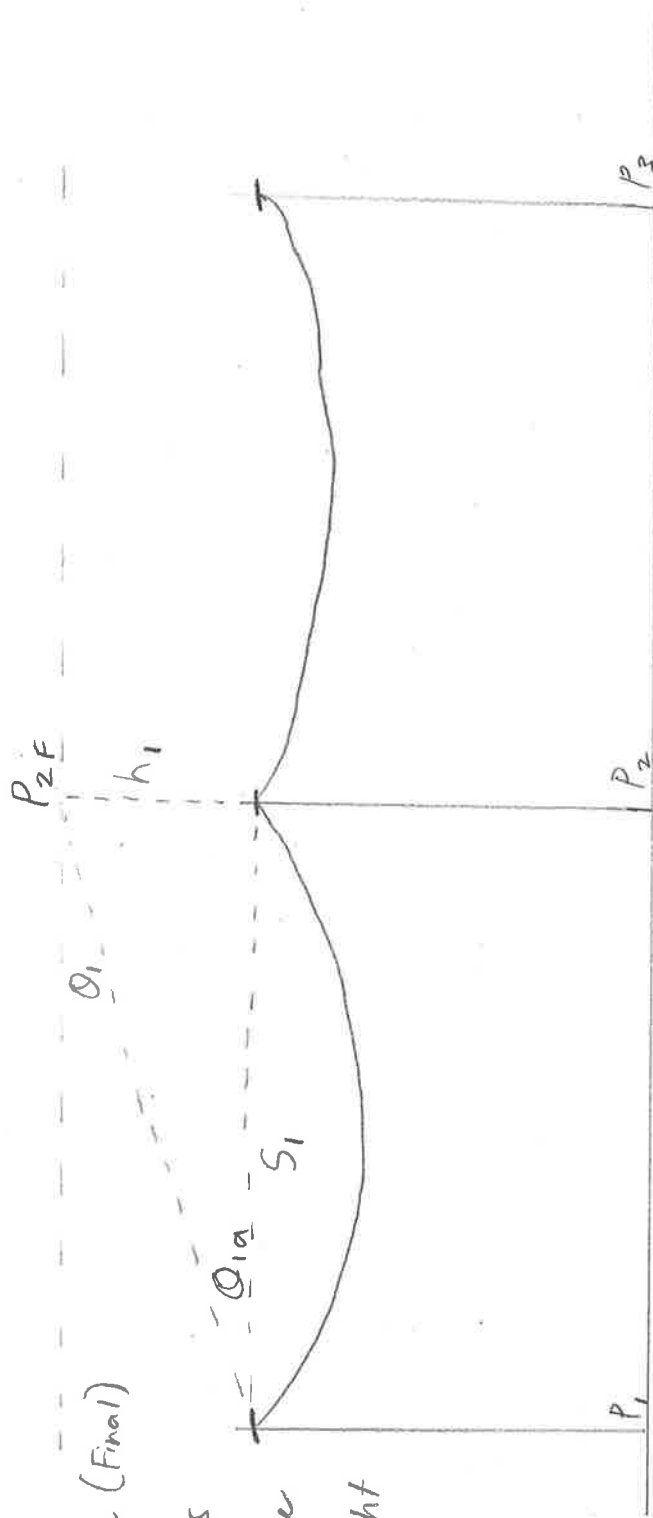




O_1 = Support Angle (Final)

$O_{1a} = O_1$ Trig Rules

h_1 = height Change

P_{2F} = Final Pole height

S_1 = Span 1 length

$$O_{1a} = \tan^{-1} \frac{h_1}{S_1}$$

$$O_1 = O_{1a}$$

Note: Increase in height above P_1 attachment will result in negative answer to give negative support angle.
If P_2 attachment point is less than P_1 then positive angle.