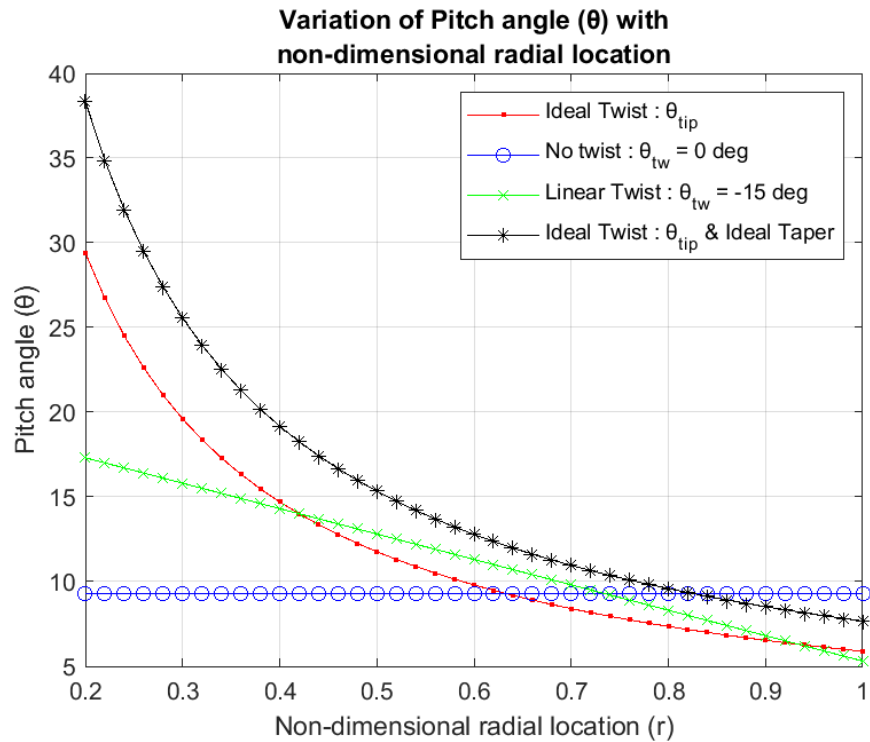
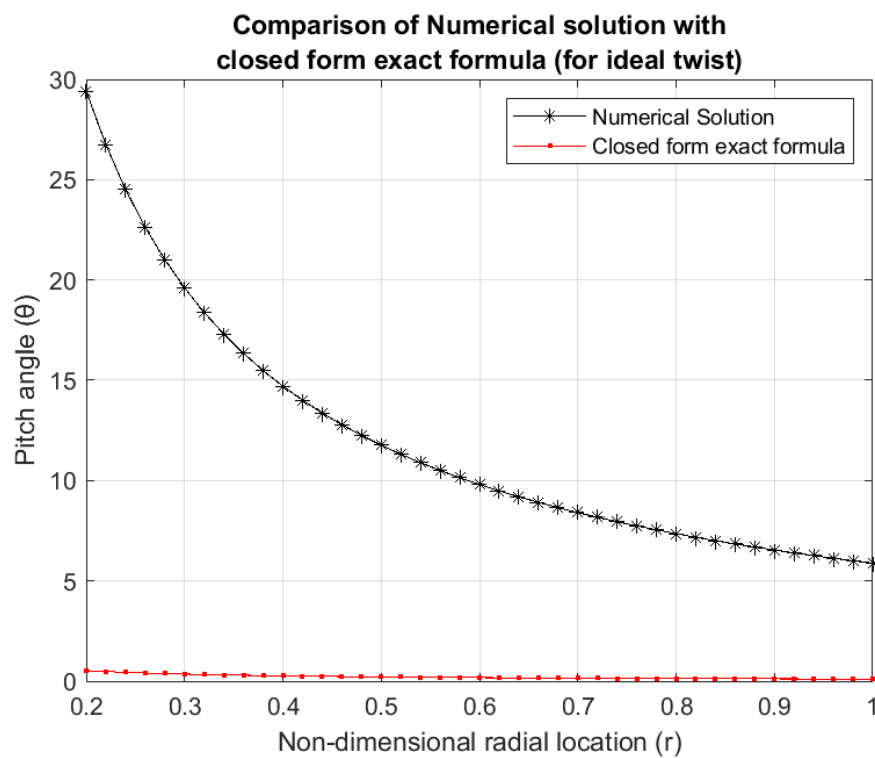


## Question- 01

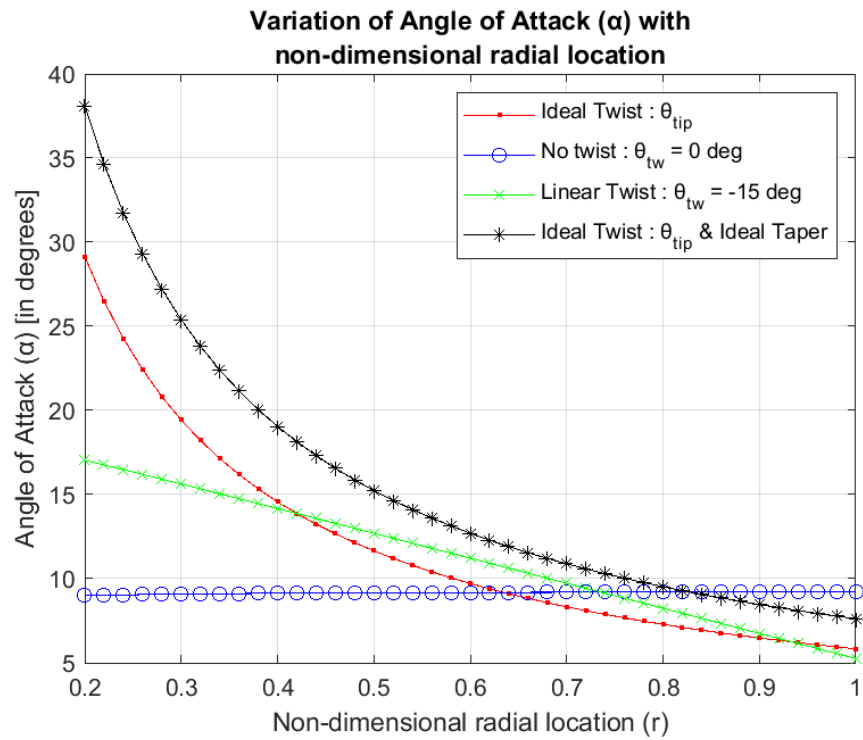
(a) (i) Pitch Angle v/s r



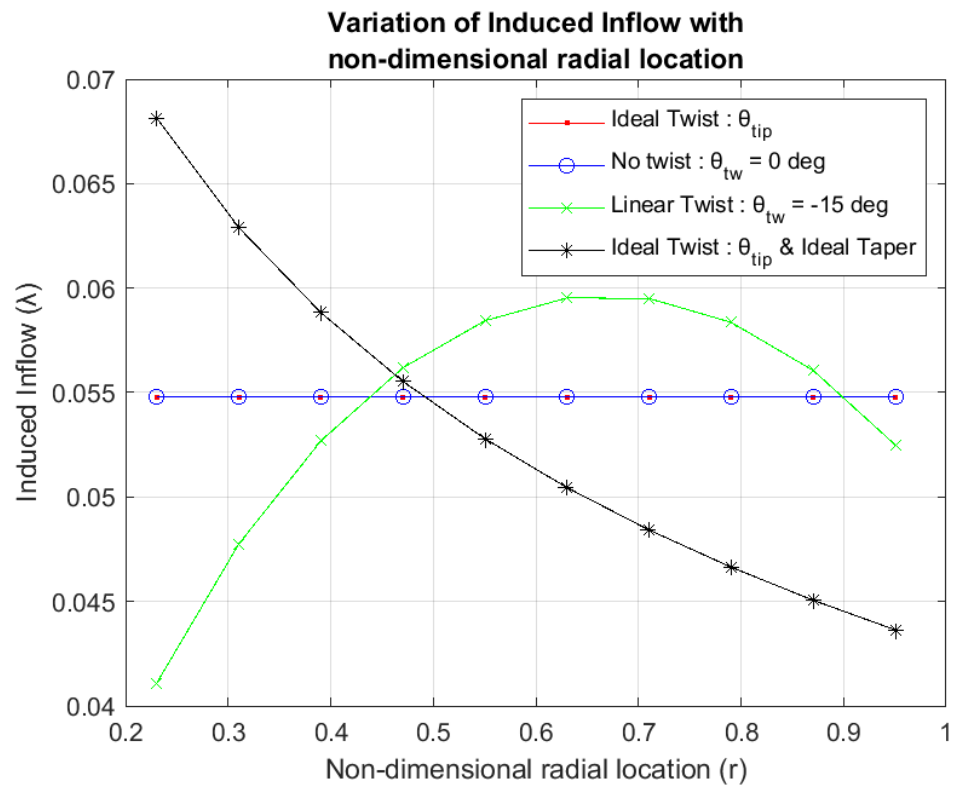
(a) (ii) Numerical Solution v/s Analytical Solution



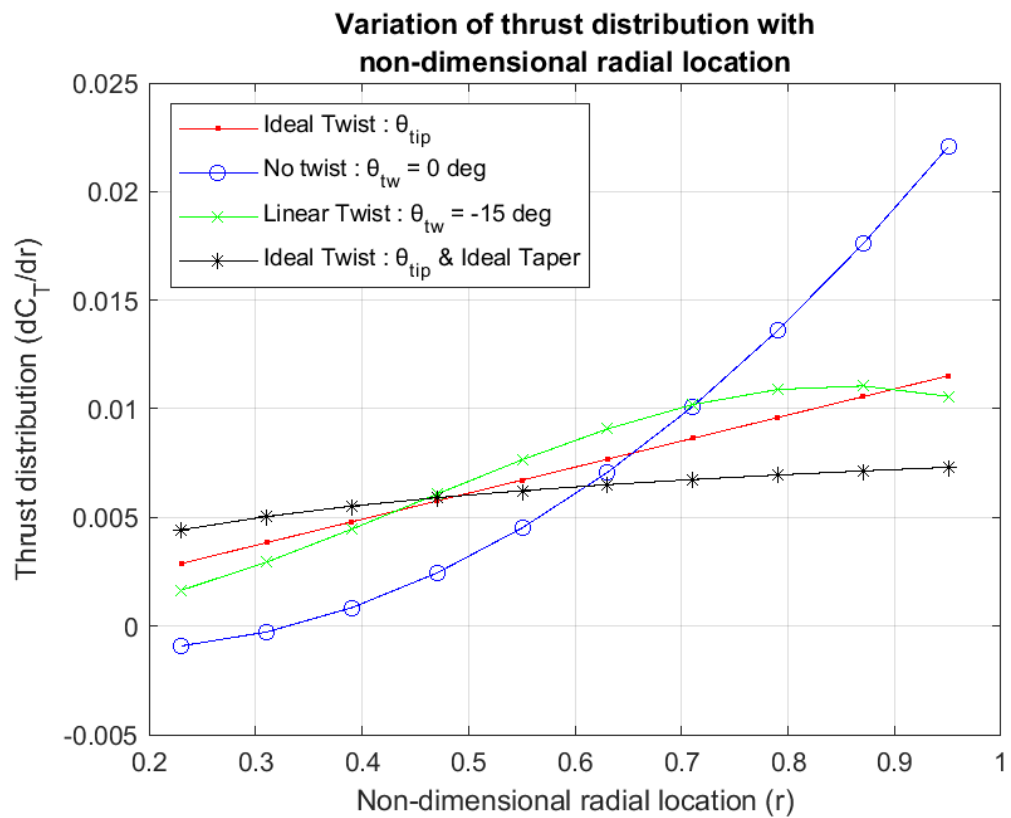
(b) Variation of AOA  $v/s$   $r$



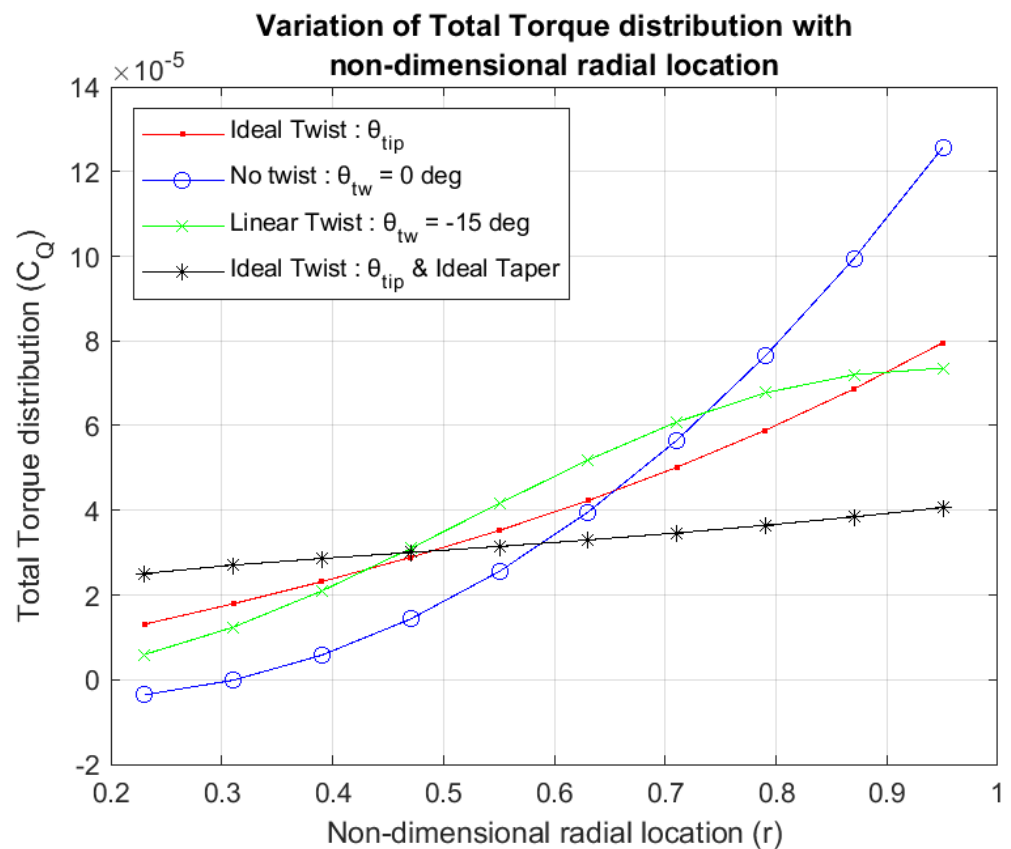
(c)  $\lambda$   $v/s$   $r$



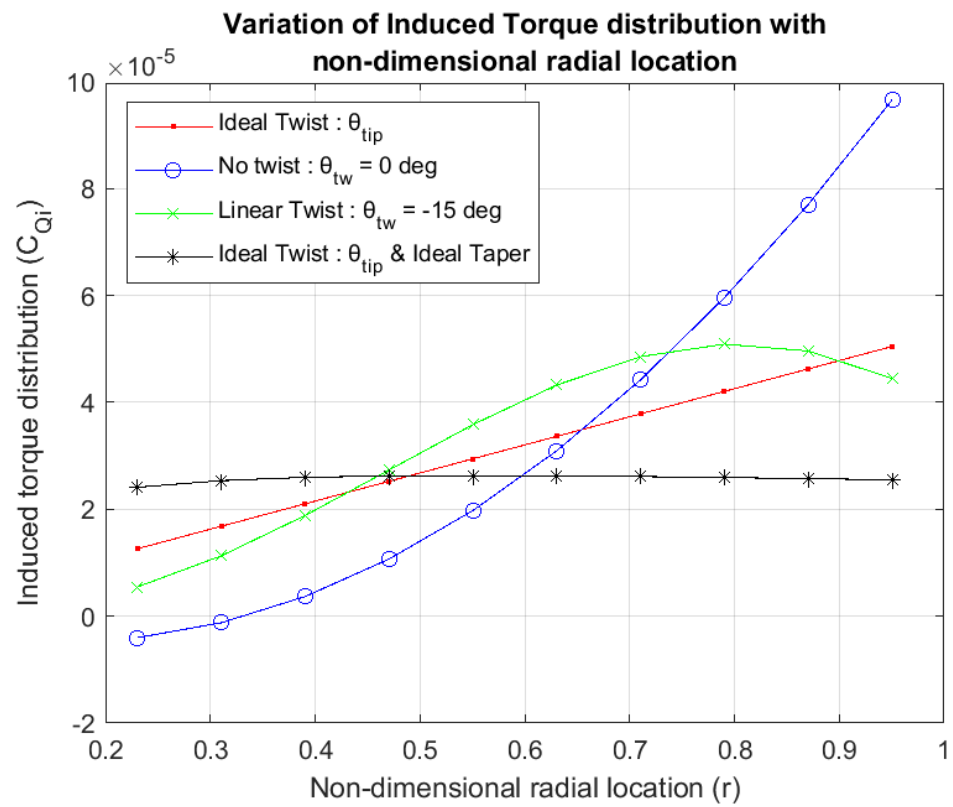
(d) (i) CT v/s r



(d) (ii) CQ v/s r



(d) (iii)  $C_{Qi}$  v/s  $r$



(d) (iv) ' $C_{Qp}$  v/s  $r$ '

