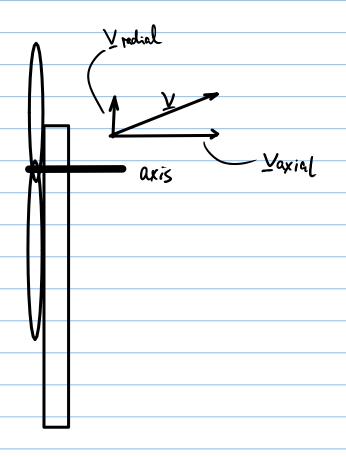
Chap.4, p. 46

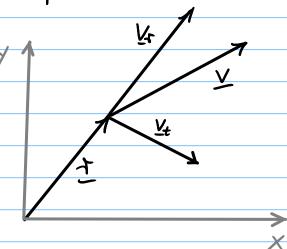


$$= -\frac{45}{9} \operatorname{uin}^{2} \left(+ \frac{u_{out}^{2}}{u_{in}^{2}} - 1 \right) \operatorname{uin} \left(\frac{u_{out}}{u_{in}} + 1 \right)$$

$$= \frac{45 \, u_{in}^3 \left(-\frac{u_{out}^2}{u_{in}^2} + 1\right) \left(\frac{u_{out}}{u_{in}} + 1\right)}{\left(\frac{u_{out}}{u_{in}} + 1\right)}$$

Chap 4, p. 60

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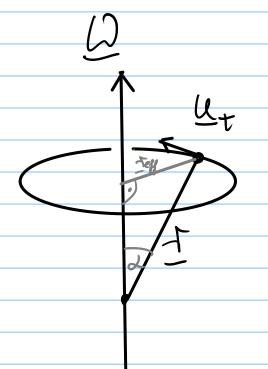


= IXA -[X]= EXA + IXA

 $Q \times b = |Q||b|\sin\theta e$

for all ⇒ 0=0 ⇒ Sin 0=0

=> axb=0 for allb



Ut = WXI

Teg = T Sin(a)