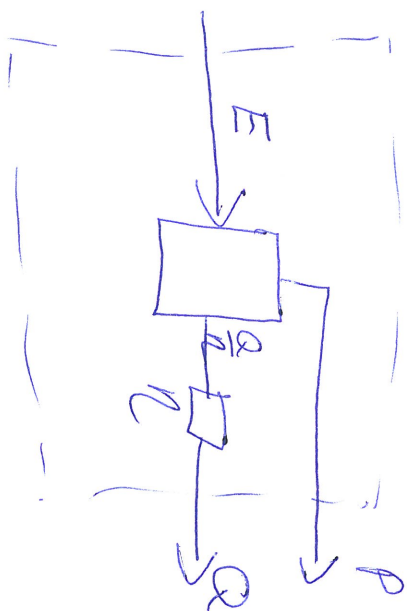


# ENERGY ALLOCATION



$$\alpha = \frac{P}{Q}$$

$$A_Q = \frac{Q}{n} \quad \frac{Q}{n} + P$$

$$A_P = 1 - A_Q$$

$$PEF_Q = \frac{Q_1(1+\alpha)}{n_{chp} \cdot Q_1} \cdot \frac{Q_1}{Q_1(1+\alpha)} = \frac{Q_1}{n_{chp}}$$

$$PEF_P = \frac{Q_1(1+\alpha)}{n_{chp} \cdot Q_1} \cdot \frac{Q_1}{Q_1(1+\alpha)} = \frac{1}{n_{chp} \cdot n_{dh}}$$

$$= \alpha \cdot \frac{1}{n_{chp}}$$

$$PEF_Q = \frac{E \cdot A_Q}{Q}$$

$$\frac{PEF_Q}{PEF_P} = \frac{A_Q}{A_P}$$

$$= \frac{\frac{P \cdot A_Q}{Q \cdot A_P}}{\frac{E \cdot A_P}{P}}$$

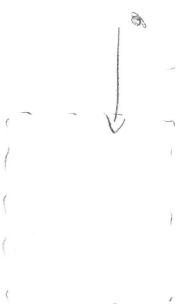
$$= \frac{P \cdot A_Q}{Q \cdot A_P}$$

$$= \frac{P \cdot A_Q}{Q(1 - A_Q)}$$

$$= P \left( \frac{\frac{Q}{n}}{\frac{Q}{n} + P} \right)$$

$$= \frac{Q(1 - \frac{Q}{n})}{(\frac{Q}{n} + P)}$$

$$PEF_P = \frac{E \cdot A_P}{P}$$



$$P \left( \frac{\Delta}{\Delta + P} \right)$$

$$\frac{\Delta + P}{Q \left( 1 - \frac{\Delta}{\Delta + P} \right)}$$

$$= \frac{P \Delta}{Q(\Delta + P - \Delta)}$$

$$= \frac{P \Delta}{Q P} = \frac{\Delta}{Q}$$

$$= \frac{Q}{n}$$

$$= \frac{1}{n_{dh}}$$

$$= \frac{1}{n_{dh}}$$

$$= \frac{1}{n_{dh}}$$

$$QEF$$

$$PEF_Q = \frac{E \cdot A_Q}{Q}$$

$$= \frac{(P + Q_1) \cdot A_Q}{n_{chp} \cdot Q}$$

$$= \frac{(P + Q_1) \cdot \frac{Q_1}{Q_1 + P}}{n_{chp} \cdot Q}$$

$$= \frac{Q_1}{n_{chp} \cdot Q_1 \cdot n_{dh}}$$

$$= \frac{1}{n_{chp} \cdot n_{dh}}$$

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