

$$F_x F_w + w \times w_w = P \times P_w \Rightarrow 15 \times 0.1 \times w + 1 = P \times 0.1$$

$\cancel{P \times 0.1}$   $w \text{ l. o. l.}$   $P + w = P \times 0.9 \quad (1)$

$$\frac{1}{r} + \frac{w}{r}$$

$$F$$

$$15 \times 0.1 \rightarrow$$

$$w = 1.1.$$

$$\frac{1}{r} + \frac{w}{r}$$

$$P$$

$$15 \times 0.9$$

$$TMB \Rightarrow F + w = P \rightarrow 15 + w = P \quad (1)$$

$$CMB \subset MMB \Rightarrow F_x F_s + w \times w_s = P \times P_s \Rightarrow 15 \times 0.8 = P \times 0.1 \quad (2)$$

$$\frac{1}{r} + \frac{w}{r}$$

$$15 \times 0.8$$

$$w = 18$$

$$P = P_s$$