

12-13

A - kys. octová

B - etyl

C - voda

$$W_{AF} = 0,30$$

$$W_{CF} = 0,70$$

S = voda B

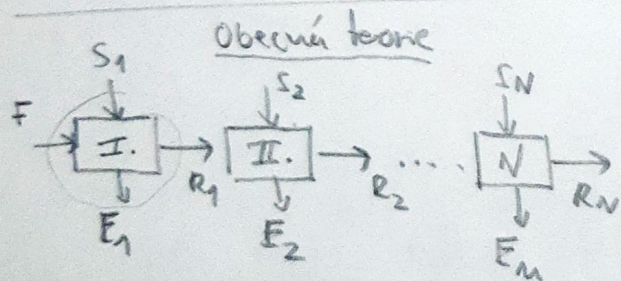
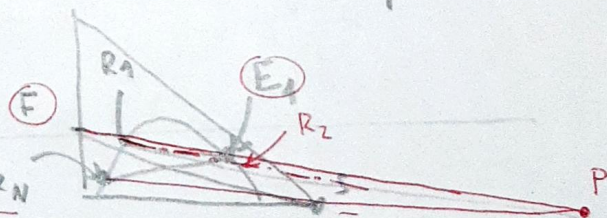
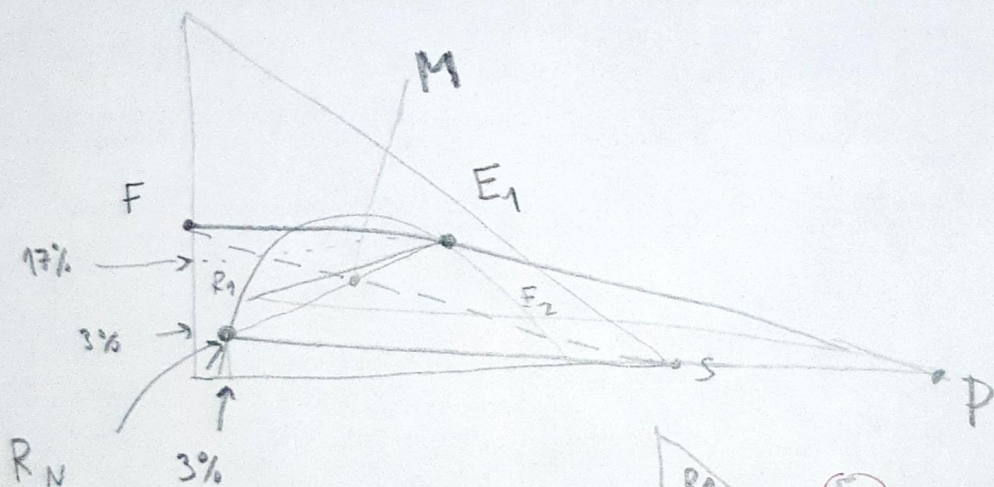
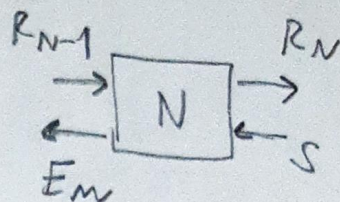
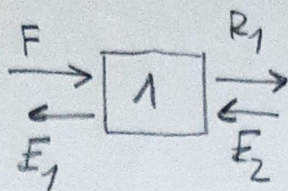
$$W_{AR} = 3\%$$

$$W_{AE} = 17\%$$

$$N = ?$$

$$\dot{m}_F = 1 \text{ kg}$$

$$\dot{m}_S = ?$$



$$\underbrace{m_F + m_S}_{m_H} = \underbrace{m_{E1} + m_{R1}}_{m_H}$$

$$m_F + m_S = m_{E1} + m_{RN}$$

$$\underbrace{m_F - m_{E1}}_{m_P} = \underbrace{m_{RN} - m_S}_{m_P}$$

$$m_P > 0$$

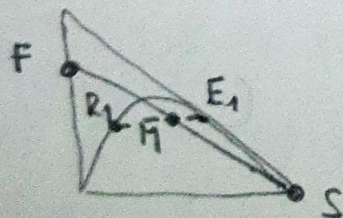
$$m_P = m_F - m_{E1} \rightarrow m_F = m_P + m_{E1}$$

$$m_P = m_{RN} - m_S \rightarrow m_{RN} = m_P + m_S$$

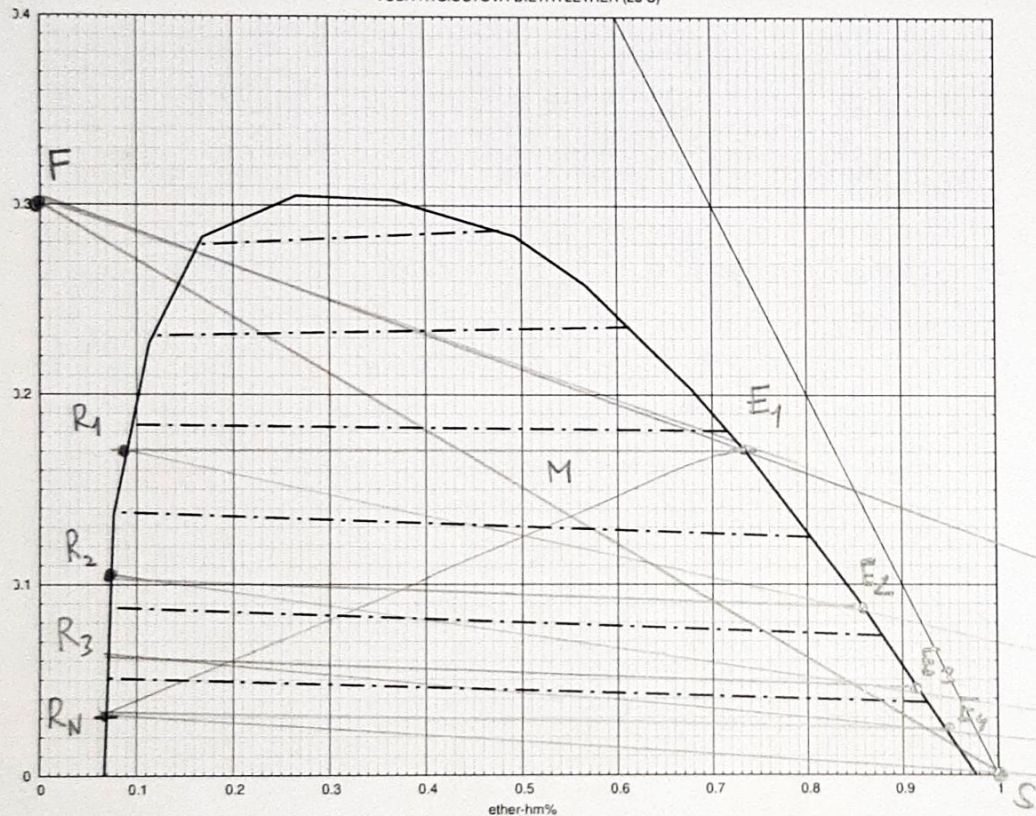
$$m_P < 0$$

$$m_{E1} = m_F + (-m_P)$$

$$m_S = m_{RN} + (-m_P)$$



VODA-KYS.OCTOVA-DIETHYLETER (25 C)



$$M = 0,55, 0,135$$

$$SM = 1 - 0,55 = 0,45$$

$$FM = 0,55 - 0 = 0,55$$

$$\frac{\dot{m}_S}{\dot{m}_F} = \frac{FM}{SM} = \frac{0,55}{0,45} = 1,2 \quad \frac{k_B - B}{k_F - F}$$

$$N=4 \quad \Delta H = 4 \cdot 0,75 = 3 \text{ m}$$

U12-13 alternative - podbli Δ

VODA-KYS.OCTOVA-DIETHYLETER (25 C)

