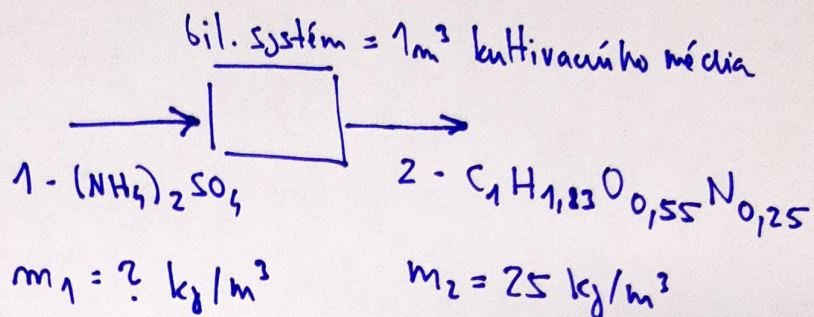


2-7



bilancujeme pouze N

$$w_1 = \frac{2 \cdot 14}{2 \cdot 14 + 8 \cdot 1 + 1 \cdot 32 + 4 \cdot 16} = \frac{28}{132} = 0,2121$$

$$w_2 = \frac{0,25 \cdot 14}{1 \cdot 12 + 1,83 \cdot 1 + 0,55 \cdot 16 + 0,25 \cdot 14} = \frac{3,5}{26,13} = 0,1339$$

$$m_1 w_1 = m_2 w_2$$

$$m_1 \cdot 0,2121 = 25 \cdot 0,1339$$

$$\underline{\underline{m_1 = 15,8 \text{ kg/m}^3}}$$