1.) 6.11.) alternate approach: f=m,+m2+m3 Subject to $\Delta V_1 + \Delta V_2 + \Delta V_3 - \Delta V_7 = 0$ $\sum_{i=1}^{R} c_{i} \ln \left[\frac{m_{i} + m_{i+1} + \cdots + m_{n} + m_{i}}{\epsilon_{i} m_{i} + m_{i+1} + \cdots + m_{n} + m_{i}} \right] - \Delta V_{T} = 0$ Where n=3