Teething ring:

Assume plastic is

Useless

\( M = 0.08 \text{ kg} \)

Find mass flows between all the chambers.

\( m_{12} = m_{18} \)

From symmetry,

\( m_{23} = m_{87} \)

etc.

\[ \dot{O} = \frac{\partial}{\partial t} \left( \int c_p \, dV + \int c_s \, p \, v \, dA \right) \]

gives 3 more with 3 CV choices.

\( M_i \) Squeezed to zero in \( \Delta t = 10 \text{s} \).

\( P = \rho_{H_2O} = 10^3 \text{ kg/m}^3 \)

Find:

\( m_{12}, m_{23}, m_{18}, \) etc.

(8 unk.)