

## transfer

Movement of a component within a system or across its boundary. It may be expressed using different kinds of quantities, e.g rates of change  $\frac{dQ}{dt}$  or  $\frac{\Delta Q}{\Delta t}$ . Examples are: mass rate,  $\frac{dm_B}{dt}$  or  $\frac{\Delta m_B}{\Delta t}$ ; substance rate,  $\frac{dn_B}{dt}$  or  $\frac{\Delta n_B}{\Delta t}$ .

**Source:**

PAC, 1992, 64, 1569 (*Quantities and units for metabolic processes as a function of time (IUPAC Recommendations 1992)*) on page 1573