change ratio of a quantity

A term which may be expressed infinitesimally at time t by a ratio of differentials $\frac{dQ_1(t)}{dQ_2(t)}$ where the kind of quantities are the same but for different components in the same system. In practice, the ratio for a finite interval is:

$$\frac{\Delta Q_1(t_1; t_2)}{\Delta Q_2(t_1; t_2)}$$

Examples are: mass change ratio, $\frac{dm_1(t)}{dm_2(t)}$; amount of substance change ratio, $\frac{dn_1(t)}{dn_2(t)}$.

Source:
PAC, 1992, *64*, 1569 *(Quantities and units for metabolic processes as a function of time (IUPAC Recommendations 1992))* on page 1571