

change ratio of a quantity

A term which may be expressed infinitesimally at time t by a ratio of differentials $dQ_1(t)/dQ_2(t)$ 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:

$$\Delta Q_1(t_1; t_2)/\Delta Q_2(t_1; t_2)$$

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

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