

Weighted average

(1) $\langle A \rangle_w = \frac{\int_{t_0}^t A(t) w(t) dt}{\int_{t_0}^t w(t) dt}$

where

t	time-line
t_0	initial time
$A(t)$	time-based variable
$w(t)$	weighting function

See also

[Formal science](#) / [Mathematics](#) / [Calculus](#)

[[t-weighted average](#)]