

Steady-State Process

A process in [Dynamic System](#) when a particular [System property](#) is not changing in time:

$$(1) \quad A(t) = \text{const} \Leftrightarrow \frac{dA}{dt} = 0$$

It is opposite to [Transition Process](#).

A [Dynamic System](#) can be under a [Steady-State Process](#) in respect to one of its [System property](#) and [Transitional](#) to the some others.

A typical example is a [fluid flow](#) which can be [steady-state](#) for [pressure](#) and [transitional](#) for [temperature](#).

See also

[Natural Science](#) / [System](#) / [Dynamic System](#)

[[Dynamic System](#)] [[Transition Process](#)]