

frequency, ν , ω

in photochemistry

The number of waveperiods per time interval. The linear frequency, ν , is the number of cycles per time interval. SI unit Hz = s⁻¹.

Note:

For the angular frequency the symbol ω ($= 2\pi\nu$) is used with rad s⁻¹ as the SI unit.

See also: a more general definition of frequency

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 345