

decay constant

Proportionality constant relating the activity of a radioactive substance, **A**, to the number of decaying particles **B**, N_{B} , $A = \lambda N_{\text{B}}$. Probability of a nuclear decay within a time interval divided by that time interval. Synonymous with disintegration constant.

Source:

Green Book, 2nd ed., p. 22

See also:

PAC, 1994, 66, 2513 (*Nomenclature for radioanalytical chemistry (IUPAC Recommendations 1994)*) on page 2518

PAC, 1996, 68, 957 (*Glossary of terms in quantities and units in Clinical Chemistry (IUPAC-IFCC Recommendations 1996)*) on page 968