

stimulated emission

That part of the emission which is induced by a resonant perturbing electromagnetic field. The transition between states, n and m , is governed by the Einstein coefficient of stimulated emission, B_{nm} . CIDNP emission and lasing action are examples of processes which require stimulated emission.

See also: spontaneous emission

Source:

PAC, 1996, 68, 2223 (*Glossary of terms used in photochemistry (IUPAC Recommendations 1996)*) on page 2279