

resonance line

Also contains definition of: resonance emission

in X-ray spectroscopy

The radiative decay of an excitation level may proceed to the neutral ground state and would thus occur at the same energy as the corresponding line in the absorption spectrum. Such a line is called a resonance line and the process is called resonance emission.

Source:

PAC, 1991, 63, 735 (*Nomenclature, symbols, units and their usage in spectrochemical analysis - VIII. Nomenclature system for X-ray spectroscopy (Recommendations 1991)*) on page 739