

linearity of responsivity (of a radiation detector)

The extent to which the output of the detector is directly proportional to the incident radiant power at a given wavelength and at constant irradiation geometry.

Source:

PAC, 1995, 67, 1745 (*Nomenclature, symbols, units and their usage in spectrochemical analysis-XI. Detection of radiation (IUPAC Recommendations 1995)*) on page 1750