

## **pile-up**

*in radioanalytical chemistry*

The processing by a radiation spectrometer of pulses resulting from the simultaneous adsorption of independent particles or photons in a radiation detector. As a result they are counted as one single particle or photon with energy between the individual energies and the sum of these energies.

### **Source:**

PAC, 1994, 66, 2513 (*Nomenclature for radioanalytical chemistry (IUPAC Recommendations 1994)*) on page 2523

Orange Book, p. 235