

## **enhanced phosphorescence analysis**

*in luminescence spectroscopy*

A use of luminescence quenching effects to enhance sensitivity. The strong depopulation of the fluorescing singlet excited state by external heavy atom perturbers can lead to a large population of the phosphorescing triplet excited state.

**Source:**

PAC, 1984, 56, 231 (*Nomenclature, symbols, units and their usage in spectrochemical analysis-Part VI: molecular luminescence spectroscopy*) on page 235