
Provisional Recommendations

IUPAC Seeks Your Comments

In this section, we publish synopses of IUPAC's latest provisional recommendations on nomenclature and symbols. All comments on these recommendations are welcome and will be taken into consideration. The final revised versions are published in *Pure and Applied Chemistry*.

If you would like to comment on the provisional recommendations, please visit the IUPAC Web site at <<http://www.iupac.org/reports/provisional/index.html>>, where the full texts are available for downloading as draft Adobe PDF files. Alternatively, you can write to your nearest national/regional center to request a copy. The most recent list of national/regional centers is available on the Web site at the address above and last appeared in *CI*, Vol. 17, p. 141 (1997).

Quantities, Terminology, and Symbols in Photothermal and Related Spectroscopies

Photothermal spectroscopy is widely used in many fields such as physics, chemistry, biology, and engineering. In this article, various origins of the photothermal effects that give rise to photothermal signals and the terms related to photothermal spectroscopies are reviewed. Terminologies in grating spectroscopy, lens spectroscopy, light-induced acoustic spectroscopy, photothermal radiometry, photothermal calorimetry, photothermal interferometry, photothermal deflection, photothermal reflection change, and related methods are recommended. Symbols used in photothermal spectroscopy are summarized.



http://www.iupac.org/reports/provisional/abstract01/hirota_310702.html

Comments by 31 July 2002
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The Naming of New Elements

A procedure is proposed to name new elements. After the discovery of a new element is established by a joint IUPAC-IUPAP (International Union of Pure and Applied Physics) Working Group, the discoverers are invited to propose a name and a symbol to the IUPAC Inorganic Chemistry Division. Elements can be named after a mythological concept, a mineral, a place or country, a property, or a scientist. After examination and acceptance by the Inorganic Chemistry Division, the proposal follows the accepted IUPAC procedure for recommendations, and is then submitted to the Council of IUPAC for approval.



http://www.iupac.org/reports/provisional/abstract01/koppenol_310302.html

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