

A Conceptual Review of Nanosensors

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Nanosensors are gaining increasing attention due to the need to detect and measure chemical and physical properties in difficult to reach biological and industrial systems that are in the nano-scale region. This conceptual review surveys various nanosensors, which are categorized into three broad types: optical, electromagnetic and mechanical nanosensors. The sensing concepts and their corresponding advantages are discussed with reference to their applications.

Key words: Nanosensor; Optical; Electromagnetic; Mechanical.