DESCRIPTION

‘Sensors’ is the first self-contained series to deal with the whole area of sensors. It describes general aspects, technical and physical fundamentals, construction, function, applications and developments of the various types of sensors.

This is the first of two volumes focusing on chemical and biochemical sensors providing definitions, typical examples of chemical and biochemical sensors and historical remarks. It describes chemical sensor technologies and interdisciplinary tasks in the design of chemical sensors. The major part consists of a description of basic sensors. They include electrolyte sensors, solid electrolyte sensors, electronic conductivity and capacitance sensors, field effect sensors, calorimetric sensors, optochemical sensors, and mass sensitive sensors. This volume is an indispensable reference work for both specialists and newcomers, researchers and developers.

ABOUT THE AUTHOR


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