



Peter Gründler, Dresden, Germany

Chemical Sensors

An Introduction for Scientists and Engineers

- Bridges the gap between the different "ways of thinking" in chemistry, physics and engineering
- Provides a firm grounding for engineers, industrial and academic researchers in the field, for practitioners and novices as well as for advanced students entering the rapidly developing field of chemical and biochemical sensors

Publication Date:
available

Fields of Interest:
Analytical Chemistry

Target Groups:
Practitioners in analytical laboratories in industry and service institutions; engineers, industrial and academic researchers in sensor development for chemical and food industries, Clinical Medicine or environmental monitoring; advanced students of Chemistry, Chemical Engineering, Food Science or Biotechnology

Research in the area of chemical and biochemical sensors and the development of respective applications is still growing rapidly. In the last decade it has become evident that the successful development of chemical and biochemical sensors resistant to the harsh conditions in the various routine applications calls for a cooperation between chemists and engineers. Thus, this book aims at instructing researcher and practitioners in both disciplines in a strictly systematic, interdisciplinary and practice-oriented way about the basic technology of chemical and biochemical sensors. This concise volume bridges the gap between the different "ways of thinking" in chemistry, physics and engineering. It provides a firm grounding for engineers, industrial and academic researcher in the field, for practitioners and novices as well as for advanced students.

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