

THUMBNAIL  
NOT  
AVAILABLE



DOWNLOAD PDF

## Gas-Sensitive Thick-Film Elements for NOX Sensors

By Alexey Tomchenko

LAP Lambert Academic Publishing Mrz 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x12 mm. This item is printed on demand - Print on Demand Neuware - Semiconductor metal-oxide chemical sensors with either thin-film or thick-film sensitive elements are widely used for monitoring chemical composition of atmosphere and technological gases. The industry of microelectronic chemical sensors has dynamically been growing all over the world since its rise in mid 1960s. The application of microelectronic technologies in chemical sensors has radically reduced their size and cut down costs for their production. Diminutiveness, large assortment, and low prices guarantee the active market for the devices today and excellent market perspectives in the future. In this book the author investigates thick films of  $\text{WO}_3$  and  $\text{YBa}_2\text{Cu}_3\text{O}_x$  (YBCO) as potential gas-sensitive elements for chemical sensors. Based on the research results, thick-film NOX sensors have been developed capable for operating in exhausts of combustion machines at  $250\text{--}350^\circ$ . The design and technology of the sensors are reported. The presented book describes the research and development in details and summarizes the obtained results. The book should be especially useful to professionals engaged in research and development in metal-oxide chemical sensors. 200 pp. English.



READ ONLINE  
[ 1.46 MB ]

### Reviews

*This publication is very gripping and intriguing. It is among the most awesome book we have go through. You can expect to like how the author compose this book.*

-- **Dr. Malika Bechtelar II**

*This ebook might be worthy of a read, and superior to other. It usually does not charge an excessive amount of. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Arch Upton**

## You May Also Like



### **Angels Among Us: 52 Humorous and Inspirational Short Stories: Lifes Outtakes - Year 7**

Publishing Inspiration. Paperback. Book Condition: New. This item is printed on demand. Paperback. 132 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. 52 Humorous And Inspirational Short Stories! 52 humorous and inspirational short stories from year 7 of Lifes Outtakes, a nationally syndicated column by...



### **The Pickthorn Chronicles**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 112 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. Pickthorn has selected some great stories as a sequel to his first book, Short Stories By Pickthorn. The Pickthorn Chronicles...



### **Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930**

2009. Softcover. Book Condition: New. 5th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



### **Studyguide for Preschool Appropriate Practices by Janice J. Beaty ISBN: 9781428304482**

2011. Softcover. Book Condition: New. 3rd. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



### **Studyguide for Skills for Preschool Teachers by Janice J. Beaty ISBN: 9780131583788**

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...



### **Studyguide for Social Studies for the Preschool/Primary Child by Carol Seefeldt ISBN: 9780137152841**

2011. Softcover. Book Condition: New. 8th. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional...