

Babken Ogsen Semerjyan

Research Institute of Physics

Center for Semiconductor Devices and Nanotechnologies
Junior Researcher

☎ 23-56
(060) 71-03-56

✉ semicsemer@ysu.am



Language skills

Հայերեն Русский English

Publications

Article

Optoelectronic Transimpedance Converter Based on MOS Photovaricap for High Resistive Gas Sensors

Semerjyan B.O., D.A. Kananov, M.S. Alexanyan

Armenian Journal of Physics 2023 119 -125

Article

Nonlinear Processing at Signal Conditioning of Gas Sensors Based on Semiconductor Nanocomposites

B.O. Semerjyan

Armenian Journal of Physics 2021 191-200

Article

STABILIZATION AND LINEARIZATION OF HIGH RESISTANCE GAS SENSOR'S OUTPUT CHARACTERISTIC

B.O. Semerjyan

SEMICONDUCTOR MICRO- AND NANOELECTRONICS. PROCEEDINGS OF THE ELEVENTH INTERNATIONAL CONFERENCE
2017 92-94

<http://icsmn.ysu.am/11th%20ICSMN-Proceedings.pdf>

Article

Статистические и шумовые характеристики нанокompозитных газовых сенсоров

Р.В. Оганесян, Г.Д. ХОНДКАРЯН, М.С. АЛЕКСАНЫАН, В.М. АРАКЕЛЯН, Б.О. СЕМЕРДЖЯН,

Ф.В. ГАСПАРЯН, В.М. АРУТЮНЯН

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2014
241 - 251

Conference

Automatic System for Semiconductor Gas Sensor Flicker-Noise Measurement.

B.O.Semerjyan

Conference

STABILIZATION AND LINEARIZATION OF HIGH RESISTANCE GAS SENSOR'S OUTPUT CHARACTERISTIC

B.O. Semerjyan

Conference

Linearization of output characteristics of gas sensors based on MWCNT/SnO₂ structures

B.O. Semerjyan
