

## **List of key publications:**

### **Micro- and Nano-Electromechanical Systems**

Vasilyev V. Yu. Chapter 1. Analysis of information materials and samples of power supply / V.Yu. Vasiliev, A.A. Antonov, I.V. Pichugin // Development of the secondary power supplies implemented with the use of zero voltage switching technology / under the general editorship of Yu.D. Kozlyayev : monograph. - Novosibirsk: SB RAS, 2014. - p. 10 - 21.

Vasiliev V. Yu. Part 3. Layout design for a high-voltage power supply / V.Yu. Vasiliev, A.A. Antonov, I.V. Pichugin // Development of the secondary power supplies implemented with the use of zero voltage switching technology / Ed.by Yu.D. Kozlyayev : monograph. - Novosibirsk: SB RAS, 2014. - P. 34-46.

Gridchin V. A. Introduction to physics of organic light-emitting diodes : textbook / V. A. Gridchin, R. P. Dikareva, E. A. Makarov. - Novosibirsk : NSTU Publishing House, 2015. – 72 p.

Ostertak D. I. Microelectromechanics: textbook / D. I. Ostertak. - Novosibirsk : NSTU Publishing House, 2016. - 120 p. - 60 copies - ISBN 978-5-7782-2901-3.

Gridchin A. V. Design of an electronic component base in ANSYS WORKBENCH : textbook / A. V. Gridchin V. A. Kolchugin V. A. Gridchin. - Novosibirsk : NSTU Publishing House, 2016. - 83 p. - 100 copies - ISBN 978-5-7782-3138-2..

Vasilyev V.Y. Ruthenium thin film growth kinetics under thermally-activated pulsed chemical vapor deposition conditions. Chap. 3. / V.Y. Vasilyev // Advances in Chemistry Research. - New York : Nova Science Publishers, Inc., 2017. - Vol. 39. - P. 109-140. - ISBN 978-1-53612-613-6.