

## NEGATIVE MAGNETORESISTANCE OF ITO FILMS IN 2D- AND 3D-MODEL

**Contact Phone**

### Abstract

Using the theory of quantum corrections to the theory of conductivity, the theoretical values of the magnetoresistance of the ITO films were calculated and compared with those obtained from the experiment in 2D- and 3D-cases.

### Type of Book of Abstracts

**Primary authors:** Dr ISHCHUK, L.V. (Taras Shevchenko National University of Kyiv); Ms VINTONYAK, N.D. (Taras Shevchenko National University of Kyiv)

**Presenter:** Ms VINTONYAK, N.D. (Taras Shevchenko National University of Kyiv)

**Session Classification:** Physics of Semiconductors and Dielectrics, Semiconductor's Devices

**Track Classification:** Physics of Semiconductors and Dielectrics, Semiconductor Devices