

Список научных публикаций Дмитрия Анатольевича Фирсова
по теме диссертации соискателя

1. V. A. Shalygin, I. S. Makhov, R. B. Adamov, M. Y. Vinnichenko, V. P. Khvostikov, and D. A. Firsov, Electric-field-induced polarization anisotropy of interband photoluminescence in GaAs, *Journal of Applied Physics* 136, 195703 (2024)
2. R. B. Adamov, G. A. Melentev, I. V. Sedova, S. V. Sorokin, G. V. Klimko, I. S. Makhov, D. A. Firsov, and V. A. Shalygin, Terahertz photoluminescence in doped nanostructures with spatial separation of donors and acceptors, *Journal of Luminescence* 266, 120302 (2024)
3. M. A. Mkrtchyan, D. B. Hayrapetyan, E. M. Kazaryan, H. A. Sarkisyan, S. Baskoutas, D. A. Firsov, and M. Y. Vinnichenko, One- and few-particle optics of the valence band in lens-shaped Ge/Si quantum dots, *Physica E: Low-dimensional Systems and Nanostructures* 150, 115703 (2023)
4. I. S. Makhov, G. V. Budkin, S. V. Graf, and D. A. Firsov, Current induced drag of photons in GaAs/AlGaAs quantum wells, *Micro and Nanostructures* 167, 207288 (2022)
5. M. A. Mkrtchyan, D. B. Hayrapetyan, E. M. Kazaryan, H. A. Sarkisyan, M. Y. Vinnichenko, V. A. Shalygin, D. A. Firsov, and L. S. Petrosyan, Effects of an External Magnetic Field on the Interband and Intraband Optical Properties of an Asymmetric Biconvex Lens-Shaped Quantum Dot, *Nanomaterials* 12, (2022)
6. M. Y. Vinnichenko, I. S. Makhov, N. Y. Kharin, S. V. Graf, V. Y. Panevin, I. V. Sedova, S. V. Sorokin, and D. A. Firsov, Photoconductivity and Infrared-Light Absorption in p-GaAs/AlGaAs Quantum Wells, *Semiconductors* 55, 710--716 (2021)
7. M. Y. Vinnichenko, I. S. Makhov, V. Y. Panevin, L. E. Vorobjev, S. V. Sorokin, I. V. Sedova, and D. A. Firsov, Acceptor-related infrared optical absorption in GaAs/AlGaAs quantum wells, *Physica E: Low-dimensional Systems and Nanostructures* 124, 114301 (2020)