

Sergey Alexandrovich Shvetsov

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Research Institute of Physics

Ֆոտոնիկայի և արհեստական բանականության լաբորատորիա

Senior researcher

Education

| | |
|--------------------|--|
| Institution | Moscow Institute of Physics and Technology |
| Faculty | Department of Problems of Physics and Energetics |
| Date | 2010 - 2012 |
| Degree name | Masters |

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| Institution | Moscow Institute of Physics and Technology |
| Faculty | Department of Problems of Physics and Energetics |
| Date | 2006 - 2010 |
| Degree name | Bachelor |

Scientific Rank/degree

| | |
|------------------------------|--|
| Institution | P.N. Lebedev Physical Institute |
| Date | 2017 |
| Degree name | Candidate |
| Specialty | Physico-mathematical sciences |
| Scientific Supervisor | A.S. Zolot'ko |
| Research Topic | Light-induced orientational effects in liquid crystalline polymers and composite systems |

Publications

Article

NON-LOCAL Q-TENSOR APPROACH FOR DESCRIPTION OF ELASTIC DEFORMATIONS OF NEMATIC LIQUID CRYSTALS AT SUB-MICRON SCALE [ПРИМЕНЕНИЕ НЕЛОКАЛЬНОГО Q-ТЕНЗОРА ДЛЯ ОПИСАНИЯ УПРУГИХ ДЕФОРМАЦИЙ ЖИДКИХ КРИСТАЛЛОВ НА СУБМИКРОННОМ МАСШТАБЕ]

Сергей Александрович Швецов, Павел Анатольевич Стаценко, Максим Николаевич Хомяков,

Сергей Иванович Трашкеев

Жидкие кристаллы и их практическое использование (Liquid Crystals and their Application) 2023

66-76

Conference

Bragg-Berry cavities: orbital angular momentum manipulation of broadband light beams

Sergey Shvetsov, Vahram Grigoryan, Valeri Abrahamyan, Nune Hakobyan, Hakob Margaryan,

