

ПЕРЕЧЕНЬ ПУБЛИКАЦИЙ ОФИЦИАЛЬНОГО ОППОНЕНТА

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соответствующих специальности 1.2.2

1. Belov P. A. Compatibility equations, generalized Cesaro's equations and expansion effects of spacetime / P. A. Belov, **S. A. Lurie** // Continuum Mechanics and Thermodynamics. – 2025. – Vol. 37. – № 2.
2. **Lurie S. A.** Generalized Cesaro Formulas in 3D and 4D Elasticity Theories / **S. A. Lurie**, P. A. Belov // Mechanics of Solids. – 2025. – Vol. 60. – № 2. – P. 883-890.
3. **Lurie S. A.** A Study of the Effective Properties of Compact Bone Tissues / **S. A. Lurie**, G. I. Kriven // Technical Physics Letters. – 2024. – Vol. 50. – № 3. – P. 268-275.
4. Vasiliev V. V. Differential equations and the problem of singularity of solutions in applied mechanics and mathematics / V. V. Vasiliev, **S. A. Lurie** // Journal of Applied Mechanics and Technical Physics. – 2023. – Vol. 64. – № 1. – P. 98-109.
5. Vasiliev V. V. To the Problem of Discontinuous Solutions in Applied Mathematics / V. V. Vasiliev, **S. A. Lurie** // Mathematics. – 2023. – Vol. 11. – № 15.
6. **Lurie S. A.** Symmetry Properties of Models for Reversible and Irreversible Thermodynamic Processes / **S. A. Lurie**, P. A. Belov, H. A. Matevossian // Symmetry. – 2023. – Vol. 15. – № 12.
7. Solyaev Y. O. Gradient models of moving heat sources for powder bed fusion applications / Y. O. Solyaev, **S. A. Lurie** // International Journal of Heat and Mass Transfer. – 2022. – Vol. 196.
8. Solyaev Y. O. On the elastic wedge problem within simplified and incomplete strain gradient elasticity theories / Y. O. Solyaev, **S. A. Lurie**, H. Altenbach, F. dell'Isola // International Journal of Solids and Structures. – 2022. – Vols. 239-240.
9. **Lurie S. A.** Analytical solution of stationary coupled thermoelasticity problem for inhomogeneous structures / **S. A. Lurie**, D. B. Volkov-Bogorodskii, P. A. Belov // Mathematics. – 2022. – Vol. 10. – № 1.
10. Vasiliev V. V. On the Flamant problem for a half-plane loaded with a concentrated force / V. V. Vasiliev, **S. A. Lurie**, V. A. Salov // Acta Mechanica. – 2021. – Vol. 232. – № 5. – P. 1761-1771.
11. Vasiliev V. V. New approach to failure of pre-cracked brittle materials based on regularized solutions of strain gradient elasticity / V. V. Vasiliev, **S. A. Lurie**, Y. O. Solyaev // Engineering Fracture Mechanics. – 2021. – Vol. 258.
12. **Lurie S. A.** Dilatation gradient elasticity theory / **S. A. Lurie**, A. L. Kalamkarov, Y. O. Solyaev, A. V. Volkov // European Journal of Mechanics, A/Solids. – 2021. – Vol. 88.
13. Solyaev Y. O. Trefftz collocation method for two-dimensional strain gradient elasticity / Y. O. Solyaev, **S. A. Lurie** // International Journal for Numerical Methods in Engineering. – 2021. – Vol. 122. – № 3. – P. 823-839.
14. Belov P. A. Development of the "Separated Anisotropy" Concept in the Theory of Gradient Anisotropic Elasticity / P. A. Belov, **S. A. Lurie** // Mechanics of Composite Materials. – 2021. – Vol. 57. – № 4. – P. 427-438.
15. **Lurie S. A.** Symmetry and applied variational models for strain gradient anisotropic elasticity / **S. A. Lurie**, P. A. Belov, Y. O. Solyaev [et al.] // Nanoscience and Technology. – 2021. – Vol. 12. – № 1. – P. 75-99.

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