

Публикации

Статья

The free boundary for a superlinear system

H. Shahgholian, D. Se Silva, S. Jeon

Journal of Functional Analysis 2026 1-23

<https://www.scopus.com/pages/publications/105030027447?origin=resultslist>

Статья

Scattering in corner domains with anisotropic inhomogeneities: the degenerate Bernoulli case

Pu-Zhao Kow, Mikko Salo, Henrik Shahgholian

Journal of Mathematical Analysis and Applications 2026 130630

<https://doi.org/10.1016/j.jmaa.2026.130630>

Статья

Constraint Maps: Insights and Related Themes

Alessio Figalli, André Guerra, Sunghan Kim, Henrik Shahgholian

La Matematica 2026 26

<https://doi.org/10.1007/s44007-026-00209-w>

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Partial Regularity of the Gradient for Subsolutions

Henrik Shahgholian, Hakobyan A., Poghosyan M.

Bulletin of the Brazilian Mathematical Society New Series 2026 1-17

<https://doi.org/10.1007/s00574-026-00519-1>

Статья

Multiphase quadrature domains (existence and uniqueness)

Henrik Shahgholian, Kow Pu-Zhao, Sjödin, Tomas

Analysis and Mathematical Physics 2026

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The free boundary for semilinear problems with highly oscillating singular terms

Mark Allen, Dennis Kriventsov, Henrik Shahgholian

Journal of the London Mathematical Society 2025 e70180

Статья

A Vectorial Free Boundary Transmission Problem (A Short Exposition)

Shahgholian Henrik, Seongmin Jeon

Trends in Mathematics 2025 47--52