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Large data global regularity for the 2 + 1-dimensional equivariant Faddeev model. (English)

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The authors address the large data global regularity for the equivariant case of the 2 + 1-dimensional Faddeev model and show that it holds true for initial data in $H^s \times H^{s-1}(\mathbb{R}^2)$ with $s > 3$.

Reviewer: [Vladimir Balan \(București\)](#)

MSC:

[81T13](#) Yang-Mills and other gauge theories in quantum field theory

Cited in **1** Document

Keywords:

Faddeev model; global regularity; equivariance; finite energy solutions

Full Text: [arXiv](#)