

# Integrable systems and quantum symmetries XXIII

## Prague, June 23–27, 2015

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### Peer review protocol

**Title:** Low energy dynamics of slender monopoles in non-Abelian superconductor

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**Reviewer:** Ondřej Navrátil

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### MANUSCRIPT EVALUATION

#### Please mark your recommendation:

ACCEPT: The article is suitable for publication in its present form.

ACCEPT WITH MINOR REVISIONS: Any required changes are minor, the editor of Proceedings will verify that the author made the recommended changes.

REVISE AND RESUBMIT: The article is acceptable for publication provided that significant changes are made, as indicated by the comment below. The revision will be re-reviewed.

REJECT: This article is not suitable for publication in JPCS.

Comment: In the article the authors study the low energy dynamic of monopoles and anti-monopoles in non-Abelian superconductor. They show that in rigid-body approximation, i.e. up to the next-to-leading approximation, it is possible to describe the problem by means of 1+1 sine-Gordon equation. In this approximation they study the bounded state of monopole and anti-monopole, i.e. magnetic meson, and scattering of the monopole and anti-monopole.

I think that the results of the presented article are new and very interesting. Therefore I recommend this paper for publishing in the Proceedings of conference ISQS-23.

Date: 7.10.2015

Signature of reviewer: Ondřej Navrátil