

Integrable systems and quantum symmetries XXIII

Prague, June 23–27, 2015

Peer review protocol

Title: Quantizing the classical non-cooperative symmetric games with arbitrary number of strategies

Author(s): Bolonek-Lasoń and P. Kosiński

Reviewer: Ondřej Navrátil

Reviewer's address: Faculty of Transportation Sciences, Czech Technical University, Na Florenci 25, Prague

Reviewer's phone: +420 224 890 714

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: The paper is based on their recently published results. Authors give some generalization of quantization of classical non-cooperative symmetric games proposed by Eisert, Wilkens and Lewenstein to N -strategies. In this generalization they demand that the set of allowed strategies is the whole group $SU(N)$ and under certain assumption they find the form of gate operators. Their main result is to find stability subgroup of initial state.

The results of the paper have recently been published. However, the contribution was presented at the conference. Therefore, I think that the paper should be published in the Proceedings of the conference ISQS 23 for its completeness.

Date: 24.9.2015

Signature of reviewer: Ondřej Navrátil