Accepted Manuscript

Coherent states of quantum linear rotator

L.V. Il'ichov, V.A. Tomilin

PII: S0378-4371(18)30345-5
DOI: https://doi.org/10.1016/j.physa.2018.03.022
Reference: PHYSA 19356

To appear in: *Physica A*

Received date : 9 February 2018
Revised date : 11 March 2018

Please cite this article as: L.V. Il'ichov, V.A. Tomilin, Coherent states of quantum linear rotator, *Physica A* (2018), https://doi.org/10.1016/j.physa.2018.03.022

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

***Highlights (for review)**

ACCEPTED MANUSCRIPT

1. The operator algebra of quantum linear rotator is constructed.
2. A new family of rotational coherent states is defined and investigated.
3. They are shown to provide definite averages of orientation and angular momentum.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/7375247

Download Persian Version:

https://daneshyari.com/article/7375247

Daneshyari.com