## **Accepted Manuscript**

Noncommutative anisotropic oscillator in a homogeneous magnetic field

D. Nath, P. Roy

 PII:
 S0003-4916(16)30299-8

 DOI:
 http://dx.doi.org/10.1016/j.aop.2016.12.028

 Reference:
 YAPHY 67290

To appear in: Annals of Physics

Received date: 6 October 2016 Accepted date: 19 December 2016



Please cite this article as: D. Nath, P. Roy, Noncommutative anisotropic oscillator in a homogeneous magnetic field, *Annals of Physics* (2016), http://dx.doi.org/10.1016/j.aop.2016.12.028

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.

## <u>Highlights</u>

- Noncommutative planar anisotropic oscillator in a magnetic field;
- Effect of noncommutativity and anisotropy examined;
- Formation of Landau levels and level crossing studied;

Download English Version:

## https://daneshyari.com/en/article/5495991

Download Persian Version:

https://daneshyari.com/article/5495991

Daneshyari.com