

## Accepted Manuscript

The Influences of Electric Field and Temperature on State Energies of a Strong-Coupling Polaron in an Asymmetric Gaussian Potential Quantum Well

Xin-Jun Ma , Jing-Lin Xiao

PII: S0577-9073(17)31353-9  
DOI: [10.1016/j.cjph.2018.01.011](https://doi.org/10.1016/j.cjph.2018.01.011)  
Reference: CJPH 441



To appear in: *Chinese Journal of Physics*

Received date: 23 October 2017  
Revised date: 17 January 2018  
Accepted date: 19 January 2018

Please cite this article as: Xin-Jun Ma , Jing-Lin Xiao , The Influences of Electric Field and Temperature on State Energies of a Strong-Coupling Polaron in an Asymmetric Gaussian Potential Quantum Well, *Chinese Journal of Physics* (2018), doi: [10.1016/j.cjph.2018.01.011](https://doi.org/10.1016/j.cjph.2018.01.011)

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.

**Highlight**

- Polaron in an asymmetric Gaussian potential quantum well (AGPQW).
- Electric field effect on States Energies of a Polaron in the AGPQW.
- Temperature effect on States Energies of a Polaron in the AGPQW.
- Electric field effect on excitation energy of a Polaron in the AGPQW.
- Temperature effect on excitation energy of a Polaron in the AGPQW.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8145100>

Download Persian Version:

<https://daneshyari.com/article/8145100>

[Daneshyari.com](https://daneshyari.com)