

How to write subscript / superscript / Greek Letters in the abstract? Please use Latex commands

- To write a subscript

$\$_$

For example: H_2O

$(N_2)_{\text{Cu}}$

$(N_2)_{\text{Cu}}$

gives you H_2O

gives you $(N_2)_{\text{Cu}}$ -- normal text

gives you $(N_2)_{\text{Cu}}$ -- *italic*

- To write a superscript

$\text{\textasciitilde}^$

For example: e^x

e^{x+y}

gives you e^x

gives you e^{x+y}

- To write Greek Letters

$\text{\textasciitilde}\text{letter-name}$

For example: $\text{\textasciitilde}\theta$ gives you θ

$\text{\textasciitilde}\Theta$ gives you Θ

$\text{\textasciitilde}\alpha$ gives you α

For more details, please read the following link.

<https://www.rochester.edu/College/psc/thestarlab/help/latextut2.pdf>

You can try to export your abstract to PDF and check whether it is correct or not by going to menu "View my Abstracts" after your abstract is submitted.

You can modify your abstract before the deadline of abstract submission.

see more example below

Submit Abstract

Abstract

Title * Identification of nitrogen acceptor in Cu₂O: First-principles study

Content *

B *I* |    |    |  

The source of *p*-type carriers observed in nitrogen-doped Cu₂O samples [Appl. Phys. Lett. 82, 1060 (2003)] was identified by using accurate hybrid density functional calculations. Similar to the case of ZnO, we found that N is a deep acceptor when substituting for O in Cu₂O and cannot be the source of the observed *p*-type carriers. Detailed investigation of other N-related defects in Cu₂O reveals that N₂ substitution for Cu, *i.e.*, (N₂)_{Cu}, is a shallow acceptor and can give hole carriers in N-doped Cu₂O samples. (N₂)_{Cu} is not only a shallow acceptor but it also has a lower formation energy than N_O in some growth conditions. The calculated emission photo luminescence (PL) peak at 1.89 eV associated with (N₂)_{Cu} is also in good agreement with the observed N-related PL peak at 1.82eV in N-doped Cu₂O sample. To aid future identification by Raman spectroscopy techniques, the vibrational frequencies of N₂ on both Cu and O sites were calculated.

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Presentation type **Invited Speaker** 