

How to write an abstract using this template file, auszug.sty and L^AT_EX2_ε

Hotaru Ishibashi, Ryudo Kashiwaba^A, Shigeo Aoba^B, Richard Upton^C

Osaka Univ. Osaka, Japan

^A*ISSP U. of Tokyo, Chiba, Japan*

^B*Tohoku Univ. Miyagi, Japan*

^C*BNL, New York, USA*

When you use the template file “sample.tex” and “Fig1.eps”, the following files are needed.

1. L^AT_EX2_ε (pL^AT_EX etc.)
2. auszug.sty (for typeset)
3. wrapft.sty and wrapfig.sty (for figure)

Please find sample.tex, auszug.sty, wrapft.sty, wrapfig.sty and sample.pdf in the downloaded archive file. “sample.pdf” was made using L^AT_EX2_ε. If you already have L^AT_EX2_ε, please try to typeset “sample.tex”. Note that the three style files are in the same folder/directory. I hope that helps.

Most of the L^AT_EX commands are useful, however, you can not use the **figure** command because of the use of the **minipage** environment. Please use **wrapfigure** command for the figure insertion. The **includegraphics** command is available for inserting an EPS-style figure. The **caption** command is also supported. Mathematical formula can be written by the **equation** and the **eqnarray** commands.

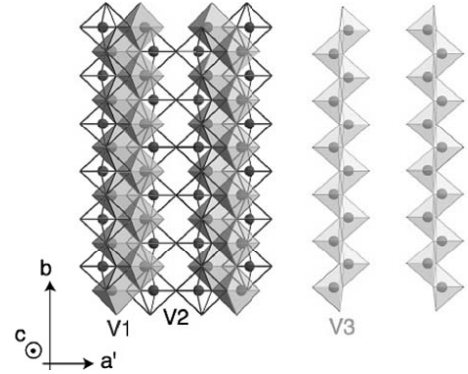


Figure 1: Structure of β -Na_{0.33}V₂O₅

$$S(\mathbf{Q}, \omega) = \frac{1}{2\pi\hbar} \delta(\omega) \int d\mathbf{r} dt \exp(i\mathbf{Q} \cdot \mathbf{r}) \overline{G}(\mathbf{r}) + \frac{1}{2\pi\hbar} \int d\mathbf{r} dt \exp\{i(\mathbf{Q} \cdot \mathbf{r} - \omega t)\} \delta G(\mathbf{r}, t) \quad (1)$$

You can also not use the **table** command because of the same reason as **figure**. Only the **tabular** command (without the caption) is available.

Please use the **thebibliography** command for the references.

ultracold	cold	thermal	epithermal	fast
1 μ eV	5 meV	100 meV	1 eV	
13.8 m/s	0.98 km/s	4.37 km/s	13.8 km/s	
280 Å	4.0 Å	0.90 Å	0.28 Å	
0.012 K	58 K	1160 K	11600 K	

[1] S. Sawada, G. Shirane and H. Sugawara, J. Phys. Soc. Jpn. **2** (1947) 90.

[2] G. Shirane, T. Oguchi, J. Phys. Soc. Jpn. **3** (1948) 274.