

LATEST ADVANCES IN THE PREPARATION OF IISC ABSTRACTS

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1. INTRODUCTION

This is the \LaTeX template file for the book of abstracts of the 19th International Workshop on Inelastic Ion-Surface Collisions (IISC-19), which will be held at Abbey Frauenwörth on the Island Frauenchiemsee, 16 – 21 September 2012. This file is based on the previous IISC templates and is intended to serve for the book of abstracts in electronic and printed form. Please use preferably this MS-Word template when preparing your submission and remember that you are limited to one page. In case word is not an option for you please use the accompanying \LaTeX format template. All questions concerning abstract preparation should be addressed to: `iisc-19@ipp.mpg.de`.

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2. FORMATTING

2.1. Figures

If your abstract contains figures like figure 1 below they should be centered on the column (or page, if the figure spans both columns). Figure captions should follow each figure. Please keep in mind when preparing your figures that your abstract will be printed in grayscale! Colored figures will however be available in the electronic version of the book of abstracts.

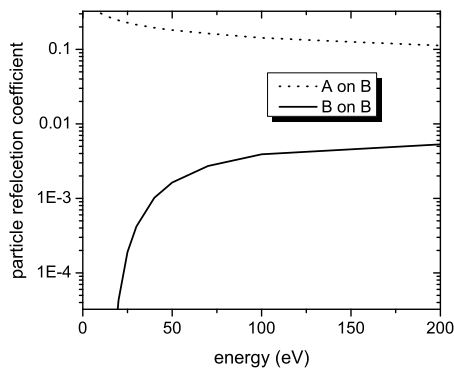


Figure 1: Particle reflection coefficient as a function of particle energy.

2.2. Equations

Equations should be placed on separate lines and numbered:

$$x(t) = s(f_{\omega}(t)) \quad (1)$$

where $f_{\omega}(t)$ is a special warping function

$$f_{\omega}(t) = \frac{1}{2\pi j} \oint_C \frac{\nu^{-1k} d\nu}{(1 - \beta\nu^{-1})(\nu^{-1} - \beta)} \quad (2)$$

A residue theorem states that

$$\oint_C F(z) dz = 2\pi j \sum_k \text{Res}[F(z), p_k], \quad (3)$$

Applying theorem 3 to 1, it is quite straightforward to see that

$$1 + 1 = \pi \quad (4)$$

2.3. Page numbers

Page numbers will be added to the document electronically, *so please do not add page numbers to your document*. Also, please do not modify the header of this template. The footnote (command `\thanks` in the authors list) should contain the e-mail address of the presenting author.

2.4. References

The references should be numbered in order of appearance, e.g. [1, 2] then [3]. The reference format is the standard Phys. Rev. style (see below).

3. REFERENCES

- [1] J. M. Smith, R. Brown, and C. Green, Phys. Rev. B **26**, 1 (1982); Nucl. Phys. **A195**, 1 (1982).
- [2] J. M. Smith, Phys. Rev. D (to be published); R. Brown, Phys. Rev. B **26**, 706(E) (1982).
- [3] J. M. Smith, *Molecular Dynamics* (Academic, New York, 1980).

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