

SuperFri article template

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This template is devoted to helping you format your article the proper way in L^AT_EX.

Keywords: superfri, template, article formatting.

Introduction

The template demonstrates [2] how to use the *superfri* class. It could be used as a basis [1] for your article and meets all the formatting requirements of the SuperFri journal. Consult the author guidelines for details on that matter.

1. The class

1.1. Installation

The class consists of a single file `superfri.cls` which should reside along with your manuscript file.

1.2. Features

The class is based on the standard [5] article class and supports all of its features, as well as these:

- title and author formatting;
- abstract and keywords;
- theorems, definitions, and proofs.

Begin your paper [3] with the title and authors' names. After filling the necessary info in with `\title` and `\author` commands put it all together [4] using the `\maketitle` command.

Define the structure of your article using up to three levels of nesting with the `\section`, `\subsection`, and `\subsubsection` commands. You can use the environments `theorem`, `proof`, `lemma`, etc.

For further directions read the comments in `superfri.cls` as a manual [6].

1.2.1. Subsubsection title

The equations look like

$$a^2 + b^2 = c^2 + \int_1^2 x + y \, dy, \tag{1}$$

where 2 is a number.

An example of a figure [7] is shown in fig. 1, while a table is in tab. 1.

Put the acknowledgements after the last section, like this.

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Figure 1. An example of a figure

Table 1. An example of a table

one	two	three
a	b	c
α	β	γ
x	y	z

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References

1. Altintas, I., Normal, M., Lees, M., Krzhizhanovskaya, V.V., Dongarra, J.J., Sloot, P.M.A.: Data through the computational lens, preface for ICCS 2016. In: Connolly, M. (ed.) International Conference on Computational Science 2016, ICCS 2016, 6-8 June 2016, San Diego, California, USA. Procedia Computer Science, vol. 80, pp. 17. Elsevier (2016), <http://dx.doi.org/10.1016/j.procs.2016.05.426>
2. Bhuyan, L.N., Chong, F., Sarkar, V. (eds.): Proceedings of the 29th ACM on International Conference on Supercomputing, ICS15, Newport Beach/Irvine, CA, USA, June 08 - 11, 2015. ACM (2015), <http://dl.acm.org/citation.cfm?id=2751205>
3. Crocker, M.W., Siekmann, J.H. (eds.): Resource-Adaptive Cognitive Processes. Cognitive Technologies, Springer (2011), <http://dx.doi.org/10.1007/978-3-540-89408-7>
4. Harkins, D.: Synthetic Initialization Vector (SIV) Authenticated Encryption Using the Advanced Encryption Standard (AES). <http://tools.ietf.org/html/rfc5297> (2008), accessed: 2010-09-30
5. Riedel, M., Streit, A., Mallmann, D., Wolf, F., Lippert, T.: Experiences and requirements for interoperability between HTC and hpc-driven e-science infrastructure. In: Byeon, O., Kwon, J.H., Dunning, T.H., Cho, K., Savoy-Navarro, A. (eds.) Future Application and Middleware Technology on e-Science, pp. 113123. Springer (2010), http://dx.doi.org/10.1007/978-1-4419-1719-5_12

6. Sokolinsky, L.B., Shamakina, A.V.: Methods of resource management in problem-oriented computing environment. *Programming and Computer Software* 42(1), 1726 (2016), <http://dx.doi.org/10.1134/S0361768816010084>
7. Zhang, S.: Distributed stochastic optimization for deep learning (thesis). CoRR abs/1605.02216 (2016), <http://arxiv.org/abs/1605.02216>