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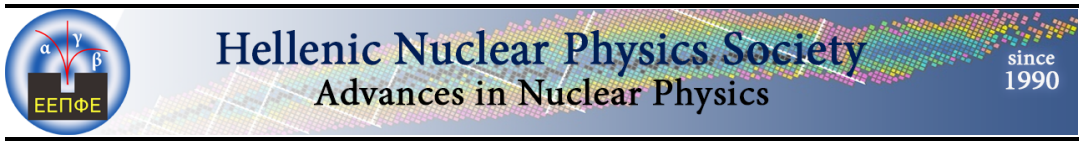

ARTICLE

Using a concise title for your HNPS Adv. Nucl. Phys. article. Try to stay within 2 lines.

F. Author,[*,1] S.B. Author,[2] and T.-H. Author[3,1]

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Abstract
An abstract summarizes in one paragraph with 300 words or less, the major aspects of the entire paper. They often include: 1) the overall purpose of the study and the research problem you investigated; 2) the basic design of you research approach; 3) major findings as a result of your analysis; and, 4) a brief summary of your interpretations and conclusions.

Keywords: keyword 1; keyword 2; keyword-3 (include max 5)

1. Introduction

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Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language. Hello, here is some text without a meaning. This text should show what a printed text

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2. Materials and Methods

2.1 Methods part 1

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language. The end result is in Fig. 1.

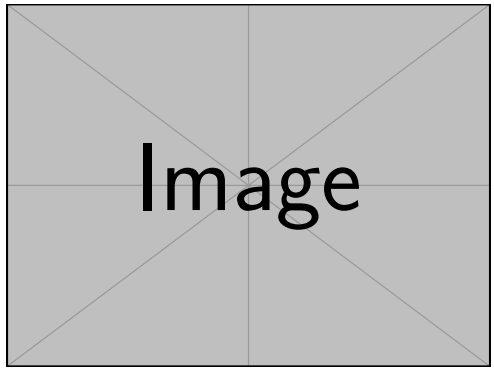


Figure 1. An Example Figure

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language. [1]

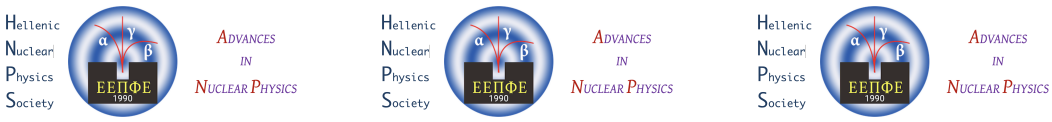
2.2 Methods part 2

2.2.1 Methods part 2.1

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like “Huardest gefburn”? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should

[1] This is how a footnote works. Remove this line in the source code if you do not need it.

match the language. This is an example of a figure with multiple subfigures. The user can define the relative widths and subcaptions.



(a) Subfigure 1 **(b)** Subfigure 2 **(c)** Subfigure 3

Figure 2. Three simple graphs

Below are some examples on how you should write equations. Here is typical example of an equation (1)

$$\rho \frac{\mathrm{D}\mathbf{u}}{\mathrm{D}t} = -\nabla p + \nabla \cdot \boldsymbol{\tau} + \rho \mathbf{g} \tag{1}$$

Here is an example of a single equation without numbering:

$$\cos^2 x + \sin^2 x = 1$$

Here is an example of multiple equations, aligned at the '=' sign and numbering only at the last equation of the bunch.

$$\begin{aligned} 3x^2 - 4y + 2 &= e^{y^2} \\ 3x^2 &= 4y - 2 + e^{y^2} \\ x &= \pm\sqrt{\frac{1}{3}\left(2 + 4y + e^{y^2}\right)} \end{aligned} \tag{2}$$

2.2.2 Methods part2.2

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language. Table 1 shows an example.

Table 1. Example table

Parameter	Notation	Remarks
name	-	engine common identifier
manufacture	-	name of the manufacture
bpr	λ	bypass ratio
pr	-	pressure ratio
thrust	T_0	maximum static thrust

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3. Results and Discussion

Paragraph title This is the paragraph with title if you want to use such function in the paper. Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of the alphabet and it should be written in of the original language. There is no need for special content, but the length of words should match the language.

4. Conclusion

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How to prepare your Reference list

The Reference list is prepared using the bibTEX format. A HNPS-refs.bib file is provided in this template as a basic example. Modern literature management software such as Zotero, JabRef, Mendeley etc provide .bib files from their Export function. Please refer to this guide on how to prepare, cite and format your lists of citations. References are shown in a numeric style, here is an example [2].

Acknowledgements

Include your acknowledgement in this section.

Funding statement

When applicable, please specify the funding information for this research, else remove the section completely

References

[1] E. Mavrommatis and J. W. Clark. "Microscopìc Study of the Response of Nuclear Matter". In: *HNPS Adv. Nucl. Phys.* 1 (1990), pp. 11–26. DOI: 10.12681/hnps.2820.

[2] *Python Software Foundation. Python Language Reference, version 3.2.* Available at https://www.python.org. Accessed: 2025-06-06.

Appendix 1. This is an appendix, if you need it

This is an appendix section to provide supplementary material, if you wish. An appendix can have multiple chapters and sections. Here it includes some text and a version of the HNPS logo, shown in Fig. 3.

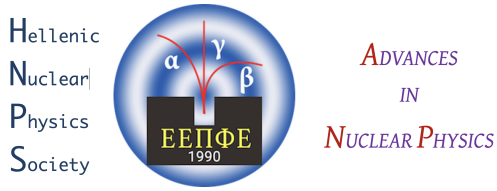

Figure 3. The HNPS ANP logo