

# Possibilities offered by metamaterials in the design of everything

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## Abstract

In this presentation we will tell everything about. . . Potentials offered by this will be also discussed. . .

## 1. Introduction

Here goes your introduction. This is an example of introductory text:

During a few recent years, artificial media with negative real parts of the material parameters have been attracting much attention in view of potential applications, including improvements of performance of everything. In paper [1]. . .

## 2. Title of section 2

Text of section 2 goes here.

Format your equations like this:

$$w = \frac{1}{2} \left. \frac{d(\omega\epsilon(\omega))}{d\omega} \right|_{\omega=\omega_0} |E|^2 + \frac{1}{2} \left. \frac{d(\omega\mu(\omega))}{d\omega} \right|_{\omega=\omega_0} |H|^2. \quad (1)$$

## 3. One more section

You can insert figures in this fashion:

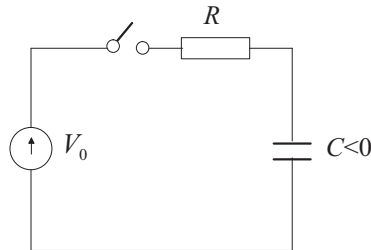


Fig. 1: Connection of a negative-capacitance capacitor to a time-harmonic voltage source.

## 4. Conclusion

Naturally, you end up with some conclusions. . .

The length of your abstract should be 3 (three) pages. Please try to beautifully fill the whole space of your three pages.

## References

- [1] L.D. Landau and E.M. Lifshits, *Electrodynamics of Continuous Media*, 2nd edition, Oxford, England: Pergamon Press, 1984.
- [2] C.R. Simovski and S.A. Tretyakov, Local constitutive parameters of metamaterials from an effective-medium perspective, *Physical Review B*, vol. 75, p. 195111, 2007.
- [3] S.A. Tretyakov and I.S. Nefedov, Field-transforming metamaterials, *Proceedings of Metamaterials'2007*, pp. 474-477, Rome, Italy, 22-24 October 2007.

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**Equations:** The equation number should be placed in parentheses and flush with the right hand margin. Leave a single space before and after the equations. Ensure numbered reference to equations, e.g. (5) or (3)-(6) in text.

**Figures and Tables:** Figures must be numbered consecutively throughout the paper, cited in the text and positioned at the appropriate place. Use the abbreviation "Fig. 1:" even at the beginning of a sentence. All images must be embedded into your document. All colour images will be available in colour in electronic version of the proceedings. Monochromatic graphics should have a resolution of 600 dpi. Greyscale and colour graphics should be 300 dpi.

**Page Numbering:** Do not number the pages. This will be done when the proceedings are compiled. Do not include any headers or footers.

**References:** Number references consecutively in square brackets [1] and refer to them as [2], [3] in the main body.

References should be included at the end of the manuscript in the following format:

- [1] A.B. Author and C.D. Author, Paper Title, *Publication*, vol. 1, no. 1, pp. 1-4, 2006.