

Title of the Manuscript

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Abstract - The abstract is a mandatory element that should summarize the contents and key findings of the paper. The abstract should contain no more than 400 words.

Keywords - Please list your keywords here, separated by semicolons. The first letter of each keyword should be capitalized.

1 Preparation of your manuscript

Your contribution must contain the entire text, images, tables and references. Section headings are optional and must be Bold. If figures, tables, animations or text quotations from copyrighted works (including websites) are included in your paper, permission must be obtained from the copyright holder (usually the original publisher) and the author(s).

2 Equations

Equations should be numbered for reference. The numbers should be consecutive within the contribution, with numbers enclosed in parentheses and set on the right margin.

$$M : (s, \rho) \rightarrow (x, y) = \gamma(s) + \rho \mathbf{R}(s) \quad (1)$$

Please do not include section counters in the numbering. Please use the equation editor to edit your equations. We request each equation to be inserted into one row (see (1)).

3 Figures and tables

It is essential that all illustrations are clear and legible.

All figures and tables should be embedded in the text. Vector graphics should be used for diagrams and images whenever possible (JPG, TIFF, PNG, EPS, etc).

Please check that the lines in line drawings are not interrupted and have a constant width. Grids and details within the figures must be clearly legible and may not be written one on top of the other.

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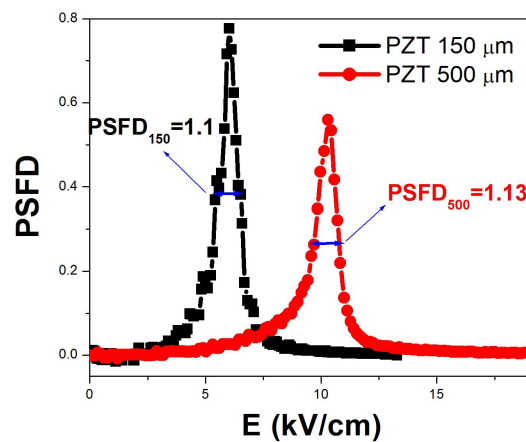


Figure 1: Caption text goes here

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Acknowledgements

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References

- [1] <https://www.gregegan.net/SCIENCE/Catacaustics/Catacaustics.html>
- [2] William Ford, Numerical Linear Algebra with Applications: Using Matlab (2015)
- [3] Thomas Waters and Matthew Cherrie, The normal map as a vector field, Balkan Journal of Geometry and Its Applications, Vol.27, No.2, pp. 145-157, (2022)
- [4] Andrew Pressley, Elementary Differential Geometry, Second Edition (2010)
- [5] https://en.wikipedia.org/wiki/Apollonius_of_Perga
- [6] I.R. Porteus, Geometric Differentiation: For the Intelligence of Curves and Surfaces, Second Edition (2001)