

## Review of: "Bending the Riemann Critical Strip to a Lunula: No Zeroes in 1/2 < Re(z) < 1"

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Potential competing interests: No potential competing interests to declare.

This paper discusses the transformation of the Riemann zeta function's critical strip and critical line into a new geometric form through a conformal transformation. The critical strip is transformed into a crescent-shaped lunula, while the critical line is converted into the unit circle, as part of a mathematical strategy. In this newly extended complex plane, the argument principle is used to demonstrate that there are no zeroes outside the unit circle. It is clear to me that the results obtained are significant and noteworthy. However, I would like to suggest that the author consider the following points:

- The introduction is expected to be written in a way that allows the general readership to clearly understand the topic and issues. In this context, referencing the literature to highlight the background and significance of the topic will help both experts in the field and general readers to better comprehend the paper.
- To examine the locations of the zeroes in more detail, one can study the results related to the asymptotic distribution of the Riemann zeta function.
- The paper focuses on advanced mathematical concepts such as the logarithmic derivative of the Riemann zeta function, Choudury's formula, and Cauchy's argument principle. In these technical sections, providing more explanations, giving a brief definition of the fundamental concepts, and summarizing the methods used in simpler terms could be beneficial for the reader.

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