

# A disproof of the Riemann's hypothesis

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## Abstract

Motivated by many scientific articles about the use of Riemann's hypothesis, I made a very useful disproof of it: I proved that there are no zeros when  $\text{Re}(s) < 1$ . In this proof, I didn't suppose that zeta is convergent, but I supposed that the zero is among the images with the relation zeta of a known  $s = a + ib$  since zeta is only a relation when it doesn't converge. I think that suppositions or axioms should be made before trying to find an extension to Zeta because there is the consistent problem of logics that everybody faces: when zeta which is divergent equals a convergent extension.

## Hosted file

riemann.docx available at <https://authorea.com/users/289494/articles/415590-a-disproof-of-the-riemann-s-hypothesis>