

Peer Review

Review of: "A Prime-Based Continued Fraction Constant $\rho = [2; 3, 5, 7, 11, \dots]$: Convergence, Prime-Indexed Engel/Egyptian Expansions, and Conditional Estimates Involving the Riemann Hypothesis"

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The approximation and analysis of these fractions have been extensively studied before; the only novelty here is the empirical results (growth, partial sums), which do not offer any insight into how the Chebyshev function is linked to the estimates or why the Riemann hypothesis is of relevance to the approach itself. It hops from Mertens to deriving asymptotic Log and mapping it to a plot without even specifying the terms we decide to plot or why it is essential to the paper and why we choose that number of convergent terms in the approximation to list in the table and not more, and what it gives out. Observations like the accuracy plotted there are being put abruptly without coherence to the flow of the paper.

Declarations

Potential competing interests: No potential competing interests to declare.