Review of: "Grönwall's Theorem implies the Riemann Hypothesis"

Yannick Saouter[1]

1 IMT Atlantique

Potential competing interests: No potential competing interests to declare.

The proof is flawed for at least 2 reasons.

First, as previously quoted the main theorem used is valid only for successive collosally numbers A and B.

Second if lim sup_{n→infty} f(n)=A, this does not mean that f(n)≤A at large height. For instance, if f(n)=| sin(n) |/n, then lim sup f(n)=0. However the quote f(n)≤0 is wrong for any integer value of n since pi is irrational.