

Review of: "Nonlinearity and Illfoundedness in the Hierarchy of Large Cardinal Consistency Strength"

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Potential competing interests: No potential competing interests to declare.

In this paper the author present counterexamples, natural instances of nonlinearity and illfoundedness in the hierarchy of large cardinal consistency strength. The author presents diverse cautious enumerations of ZFC and large cardinal set theories, which exhibit incomparability and illfoundedness in consistency strength. This work has the conclusion that the philosophical role played by "natural" in the linearity phenomenon, arguing ultimately that we should abandon empty naturality talk and aim instead to make precise the mathematical and logical features we had found desirable.

As far as I know, such investigation is not yet available in the current literature, and is quite timely, actual and interesting. In my opinion, the results are scientifically sound and important to the linear and nonlinear fields. As to the presentation, I think it is clearly written and logically organized. I suggest this paper could be published in this present form.

Qeios ID: O9J4P1 · https://doi.org/10.32388/O9J4P1