

Review of: "On the Impact of Technology on University Analysis"

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Potential competing interests: No potential competing interests to declare.

Paper Review Comments

Title Review

The title "On the Impact of Technology on University Analysis" is somewhat broad and could be more specific. Consider including key terms like GeoGebra and Dynamic Mathematics Systems to reflect the focus of the study more clearly.

Suggested Title: "The Role of GeoGebra in Enhancing Learning in University-Level Analysis Courses."

Abstract Review

The abstract outlines the purpose well but could benefit from more detail on the methodology and specific results. Including data on participants and quantifiable outcomes would give a clearer overview.

Suggested Improvements:

- Include more specifics on methodology and findings.

Introduction Review

The introduction provides useful background but could be more concise in shifting from general challenges to the focus on GeoGebra.

It clearly identifies the research gap in studies about GeoGebra's use at the university level.

Suggested Improvements:

- Shorten the general background and focus more quickly on the research question and purpose.

Methodology Review

The methodology is well-explained but could include more details on participant selection and controlling for bias due to the voluntary nature of GeoGebra tasks.

Suggested Improvements:

- Provide more information on how groups were compared and control measures for bias.

Results and Discussion Review

The results are clearly presented, but the small sample size in the first study requires caution in interpretation. The second study's larger sample strengthens the findings, but more detailed practical implications are needed.

Suggested Improvements:

- Offer more detailed interpretation of statistical results and practical significance for student learning.

Conclusion and Recommendations Review

The conclusion effectively summarizes the findings but could offer more specific recommendations for educators and future research directions.

Suggested Improvements:

- Provide concrete suggestions for educators on how to integrate GeoGebra in courses.
- Outline specific areas for future research, such as logic and proofs.

