

# Review of: "Technological Tools to Teach the Idea of Optimality"

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**Potential competing interests:** No potential competing interests to declare.

The current paper proposes to explore the relevance of optimality and then shows how the idea is supported in the Felix dynamic geometry online system.

Comments to authors:

- The authors can add the steps for implementing the algorithms. The theoretical part can be better detailed. The steps will be to the benefit of the readers; maybe they'll help the readers to implement the proposed algorithm.
- Please add more details of how the theory from the first sections is applied in the results section.
- How were the initial parameters of the controller obtained?
- Add both the advantages and the disadvantages of the proposed method; in the current version of the paper, only the advantages are presented.
- Add the measurement unit labels for the abscissa and ordinate for all the figures in the paper.
- The state of the art is poor. Maybe the author could add the following publications:
  - o Hybrid Data-Driven Active Disturbance Rejection Sliding Mode Control with Tower Crane Systems Validation, Romanian Journal of Information Science and Technology, vol. 27, no. 1, 2024.
  - o Enhanced P-type Control: Indirect Adaptive Learning from Set-point Updates, IEEE Transactions on Automatic Control, DOI: 10.1109/TAC.2022.3154347, 2022.
- Please add more comments regarding the obtained results and what initial conditions were used to obtain the current results.

**I don't want my review to be public**