

Review of: "Cybernetic Based Instruction: an Innovative Learning Model in Digital Age"

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Potential competing interests: No potential competing interests to declare.

Positive Aspects:

- Comprehensive exploration of Cybernetic-Based Instruction (CBI) aligning modern education with digital advancements.
- Effective delineation of cybernetics as a core framework for fostering interactive and personalized learning environments.
- Well-structured progression from theoretical frameworks of CBI to practical classroom implementation.
- Robust analysis of CBI's merits, including fostering interactive learning, personalized instruction, real-world application, continuous assessment, collaborative learning, data-driven instruction, and lifelong learning foundation.
- Provides a pragmatic blueprint for educators to integrate CBI into the classroom, offering valuable insights for transitioning into this innovative instructional model.
- Balanced narrative by including discussion on limitations of CBI, which underscores the necessity for mitigative strategies.
- Significant contribution to the discourse on education's digital transformation, making it a valuable reference for educators and policy-makers.

Areas for Enhancement:

- A deeper exploration into mitigative strategies for overcoming the outlined limitations of CBI could provide a more rounded narrative.
- Additional real-world case studies or empirical evidence could bolster the claims regarding the effectiveness and benefits of CBI.
- A more thorough discussion on the professional development of educators for CBI implementation might enhance the manuscript's pragmatic value.
- Consideration of diverse educational settings and how CBI can be adapted or might face challenges in different contexts could add depth to the analysis.
- A broader discussion on the ethical considerations, particularly surrounding data privacy and digital equity in a CBI-driven educational paradigm, might be beneficial.
- An exploration of how CBI aligns with other contemporary educational theories or models could offer a more holistic view of its place within the broader educational ecosystem.

