Review of: "Actual problems of creative activity and new cognitive possibilities: a transdisciplinary approach"

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This article presents a wide-ranging exploration of various topics related to creativity, cognition, and their intersection with technology and digitalization. While the article touches upon several intriguing ideas and concepts, it also raises several critical points that warrant consideration:

1. Lack of Clarity: The article, at times, needs more clarity and conciseness in its presentation of ideas. It introduces many concepts, frameworks, and references, which may overwhelm the reader and make it challenging to discern the central thesis or argument.

2. Depth vs. Breadth: The article covers many topics, from metasciences and cybernetics to semiotics and cognitive distortions. While this breadth of coverage demonstrates the author's interdisciplinary approach, it could benefit from a deeper exploration of specific areas to provide more substantial insights.

3. Ambiguity of Terminology: The article introduces numerous terms and concepts, such as "metaheuristic models," "creative-critical thinking," and "metathinking." However, it only sometimes provides clear definitions or operationalizations of these terms, leaving room for interpretation and potential confusion.

4. Lack of Empirical Evidence: Many of the concepts and ideas presented in the article appear theoretical and speculative. While theoretical discussions are valuable, empirical evidence and practical examples would enhance the credibility and applicability of the proposed concepts.

5. Practical Application: The article discusses the importance of creative-critical thinking and metathinking but needs to offer specific, actionable guidance for individuals or institutions seeking to apply these concepts in real-world settings. Concrete examples or case studies illustrating the practical application of these ideas would be beneficial.

6. Integration of Ethical Considerations: Given the article's focus on technology, cognition, and digitalization, it could delve deeper into ethical considerations, such as privacy, bias in AI, and the responsible use of technology in education and creative processes.

7. Audience Consideration: It would be helpful to clarify the target audience for the article. Is it intended for scholars and researchers in specific fields, educators, policymakers, or a broader readership? Tailoring the content to a specific audience's needs and interests could enhance its relevance.

8. Organization and Structure: The article could benefit from improved organization and structure. Clear section headings, transitions between topics, and a more explicit roadmap of the article's flow would make it easier for readers to follow the author's reasoning.

In conclusion this article presents many intriguing ideas and concepts related to creativity, cognition, and technology. However, it would benefit from greater clarity, depth in specific areas, empirical support, practical guidance, and more explicit consideration of ethical and audience-related factors to enhance its overall impact and utility.