

Review of: "Artificial Intelligence and Digital Technologies in the Future Education"

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Potential competing interests: No potential competing interests to declare.

The paper explores the role of soft computing (SC) methods, such as artificial neural networks (ANNs), fuzzy logic (FL), genetic algorithms (GAs), and probabilistic reasoning in education. The author highlights the benefits and limitations of e-learning in the context of traditional teaching and learning methods.

Strengths:

1. The paper provides a comprehensive overview of the various SC methods, their development, and their potential applications in education.
2. The author highlights the importance of teaching SC methods to undergraduate students in the era of the Fourth Industrial Revolution (4IR), as these methods become increasingly crucial in various fields.
3. The paper discusses the evolution of learning theories and their relationship to e-learning and the use of SC methods in education.
4. The author presents a detailed analysis of the benefits and limitations of e-learning, including its potential impact on the future job market and the need for continuous learning.

Areas for Improvement:

1. The paper could benefit from a more structured organization, with clearly defined sections and subheadings to guide the reader through the content.
2. The author could provide specific examples of how SC methods are currently being used in educational settings, such as case studies or real-world applications.
3. The paper could benefit from a more in-depth discussion of the limitations of e-learning, including the potential drawbacks of relying solely on digital technologies for teaching and learning.
4. The author could explore further the potential impact of SC methods on the future of education, including their role in shaping the skills required for the 4IR.

Overall, the paper provides a valuable overview of the role of soft computing methods in education and the potential benefits and limitations of e-learning. With some improvements in organization and depth of discussion, the paper could serve as a useful resource for educators and researchers interested in the intersection of SC methods and education.

