

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_109062
Title of the Manuscript:	Media Development For Karawo Motif Design Using Genetic Algorithm Based On Gorontalo Regional Culture
Type of the Article	Original Research Article

Review Form 1.7

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The article discusses the traditional art form of Karawo cloth in Gorontalo and its significance in the modern era. Karawo, meaning hand embroidery or handmade, is a time-intensive craft with origins dating back to the 1600s. It is renowned for its complex and artistic designs, often taking artisans up to a month to complete.</p> <p>The article highlights the cultural importance of Karawo, with records indicating significant participation in Karawo-related events. In 2014, the Ministry of Education and Culture recognized Karawo as an intangible cultural heritage of Indonesia.</p> <p>However, the article underscores a lack of innovation in Karawo motif designs, which tend to be monotonous and centered on floral themes. This limitation poses challenges for artisans seeking to create diverse designs.</p> <p>To address this issue, the article explores the application of specific algorithms to enhance Karawo motif design. Authors have developed various methods, including decision-making systems, fractal algorithms, symmetrical circle algorithms, and Interactive Evolutionary Algorithms, to generate innovative Karawo patterns based on Gorontalo's cultural philosophy. These techniques offer solutions for artisans seeking to create a wider range of designs efficiently.</p> <p>In conclusion, the article emphasizes the need for technology-driven solutions to diversify and revitalize Karawo motif designs, preserving the rich cultural heritage while adapting to the demands of the modern era.</p> <p>The manuscript provides valuable insights into the cultural significance and contemporary challenges associated with Karawo cloth in Gorontalo. It sheds light on the need for innovation in Karawo motif design and the use of specific algorithms to achieve this. This research contributes to the preservation of traditional art forms and their adaptation to the modern era. It addresses the relevance of cultural heritage in the context of evolving technology, making it important for both the scientific community and cultural preservation.</p> <p>The title, "Karawo Cloth and the Innovation of Traditional Motif Design Using Genetic Algorithms," effectively conveys the subject matter of the manuscript. It highlights the focus on Karawo cloth, the need for innovation in motif design, and the utilization of genetic algorithms. The title is suitable and informative.</p> <p>The abstract provides a comprehensive overview of the manuscript. It outlines the background, the problem of monotonous motif design, the application of genetic algorithms, and the effectiveness of the media developed. However, it could benefit from a brief summary of the research's findings and implications to enhance its comprehensiveness.</p> <p>The manuscript's structure appears appropriate, with clear sections that guide the reader through the research process, including data preparation, geometric transformations, system development, testing, and media effectiveness. However, it may benefit from a clearer distinction between the methodology and results sections to improve readability.</p> <p>The manuscript appears scientifically correct in its approach to using genetic algorithms for Karawo motif design. It demonstrates a systematic and logical research design that follows established practices in algorithm development and testing. However, to assess scientific correctness fully, a detailed examination of the methodology and results is necessary.</p> <p>The references provided offer a mix of sources, including research articles and studies related to genetic algorithms, fractal methods, and traditional motif design. However, while the references are relevant, a few more recent sources could be added to ensure the most up-to-date information. Specifically, recent research on the application of genetic algorithms in textile and motif design may enhance the manuscript's scholarly foundation.</p>	

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	In summary, the manuscript addresses an important cultural and technological intersection and provides valuable insights into the application of genetic algorithms in traditional motif design. With some minor improvements in the abstract and reference section, it has the potential to make a significant contribution to the scientific community's understanding of this subject matter.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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