



Statement of the Iranian Mathematical Society

About the Use of AI Tools in Publications

2023 Edition

Artificial intelligence tools are used without limits and increasingly in education and research. However, there are concerns about the originality, accuracy, reliability, and validity of information generated by chatbots such as ChatGPT. Therefore, it is essential for users to independently ensure its validity before using such content and use it in accordance with professional and scientific ethics.

The Executive Committee of Iranian Mathematical Society has endorsed the following statement released by the Committee on Publication Ethics¹:

- The use of artificial intelligence (AI) tools such as ChatGPT or Large Language Models in research publications is expanding rapidly. COPE joins organisations, such as WAME² and the JAMA Network³ among others, to state that AI tools cannot be listed as an author of a paper.
- AI tools cannot meet the requirements for authorship as they cannot take responsibility for the submitted work. As non-legal entities, they cannot assert the presence or absence of conflicts of interest nor manage copyright and license agreements.
- Authors who use AI tools in the writing of a manuscript, production of images or graphical elements of the paper, or in the collection and analysis of data, must be transparent in disclosing in the Materials and Methods (or similar section) of the paper how the AI tool was used and which tool was used. Authors are fully responsible for the content of their manuscript, even those parts produced by an AI tool, and are thus liable for any breach of publication ethics.

¹<https://publicationethics.org/cope-position-statements/ai-author>

²<https://wame.org/page3.php?id=106>

³<https://jamanetwork.com/journals/jama/fullarticle/2801170>