# Article information:

陶哲轩：ChatGPT已加入我的数学工作流 - 知乎  
<https://zhuanlan.zhihu.com/p/613129603>

# Article summary:

1. Terence Tao has incorporated AI tools, including ChatGPT, into his mathematical research workflow.

2. ChatGPT is not used for exact mathematical answers but rather as a tool for semantic searches and inspiration.

3. AI tools have more divergent thinking logic compared to traditional computer software, making them more flexible in handling noisy or poorly formatted input.

# Article rating:

Appears moderately imbalanced: The article provides some useful information, but is missing several important points or pieces of evidence that would be required to present the discussed topics in a balanced and reliable way. You are encouraged to seek a more balanced perspective on the presented issues by exploring the provided research topics and looking at different information sources.

# Article analysis:

该文章主要报道了数学家陶哲轩将人工智能工具ChatGPT纳入自己的数学研究流程中，并介绍了他如何利用ChatGPT进行数学问题的解决。然而，该文章存在一些偏见和片面报道。

首先，文章没有提到ChatGPT在数学领域的局限性和不足之处，只是简单地说它可以帮助人们在数学研究中发散思维。但实际上，ChatGPT在数学方面的表现并不理想，其生成的答案可能存在错误或不完整。因此，在使用ChatGPT时需要谨慎，并结合其他工具和方法进行验证和修正。

其次，文章对AI工具与传统搜索引擎的比较也存在偏见。虽然AI工具确实更加灵活和适应性强，但传统搜索引擎仍然是一个非常有效的信息检索工具，并且在某些情况下可能更加准确和可靠。因此，在选择使用何种工具时需要根据具体情况进行权衡和选择。

此外，文章还存在一些宣传内容和偏袒倾向。例如，它没有探讨使用AI工具可能带来的风险和挑战，也没有平等地呈现双方观点。同时，它过分强调了陶哲轩对AI工具的赞誉和推崇，并未充分考虑其他专家对此问题的看法。

总之，该文章虽然介绍了一个有趣的话题，但存在一些偏见、片面报道、缺失考虑点等问题。我们需要更加客观、全面地看待这个话题，并结合实际情况进行权衡和选择。

# Topics for further research:

* Limitations and shortcomings of ChatGPT in mathematics
* Comparison between AI tools and traditional search engines
* Risks and challenges of using AI tools
* Balanced presentation of different perspectives
* Other experts' opinions on the topic
* Need for objective and comprehensive evaluation and consideration

# Report location:

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