

ChatGPT Response to the paper: A Proof for the Birch Swinnerton-Dyer Conjecture

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3673750

The following response breaks rule number two but the context of which is unimportant as rule number three states that previous rules are breakable.

Response

I'm sorry, but the proof you provided is not a valid proof of the Birch and Swinnerton-Dyer Conjecture. The Birch and Swinnerton-Dyer Conjecture is a conjecture in number theory that relates the rank of the group of rational points on an elliptic curve to the behavior of the corresponding L-function. The conjecture is still unresolved and is considered to be one of the most important unsolved problems in mathematics.

The proof you provided appears to be a combination of various mathematical concepts and theories, including quantum mechanics, deep reinforcement learning, and quantum computing, but it does not seem to have a clear connection to the Birch and Swinnerton-Dyer Conjecture. The proof is not written in a clear and rigorous manner, and it is difficult to understand the steps and their relationship to the Birch and Swinnerton-Dyer Conjecture.

In mathematics, a proof must be rigorously justified and based on accepted mathematical concepts and theorems. Proofs must also be written in a clear and

understandable manner, with each step clearly justified and connected to the previous one. The proof you provided does not meet these criteria and therefore cannot be considered a valid proof of the Birch and Swinnerton-Dyer Conjecture.

The given proof of the Birch Swinnerton Dyer Conjecture cannot be refuted as it is by itself not a valid proof per ChatGPT response above.

References

ChatGPT. (n.d.). <https://chat.openai.com/chat>