Review of: "Some Results on Maxima and Minima of Real Functions of Vector Variables: A New Perspective"

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Potential competing interests: No potential competing interests to declare.

Apart from the parts that have already been pointed out by other reviewers, here are some more comments :

1. Clarity and Precision:

  - The paper demonstrates a good attempt at addressing optimization problems using mathematical theorems and examples. However, there are instances where the symbols or special characters used may cause confusion. It is essential to ensure that all symbols are correctly explained for clarity.

2. Mathematical Rigor:

  - The paper shows a strong foundation in mathematical optimization techniques, particularly in dealing with functions subject to constraints. The application of Theorem 2.3 and related mathematical tools is commendable.

3. Structural Coherence:

  - The paper follows a structured approach in presenting examples and theorems related to finding extrema of functions.

4. Proofreading and Formatting:

  - There are several typographical errors and unusual symbols present in the text that may hinder the reader's comprehension. It is crucial to thoroughly proofread the paper to correct these errors and ensure proper formatting of mathematical expressions.

5. Context and Relevance:

  - The examples provided in the paper serve as practical applications of the theoretical concepts discussed. It would be beneficial to further elaborate on the significance of these examples in illustrating the effectiveness of the optimization techniques proposed.

Recommendation

  Overall, the paper shows promise in exploring optimization problems using mathematical theorems. To enhance its quality, I recommend a thorough review of symbols and punctuations, clarification of mathematical expressions, and a focus on improving the overall readability and coherence of the content.