



Lab Report:

Bell's Inequality and Quantum Tomography

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1 Introduction

The introduction should provide background information about the experiment, the objectives, and the hypothesis.

2 Theory

THeory section.

3 Experimental Setup

Experimental setup section.

4 Measurement and Results

Present the findings of the experiment in this section, using tables and figures as necessary.

5 Discussion

Interpret the results and discuss their implications. Mention any limitations and possible future work.

6 Conclusion

Conclusion section. add references from the bibliography Einstein et al. [1935]

References

Albert Einstein, Boris Podolsky, and Nathan Rosen. Can quantum-mechanical description of physical reality be considered complete? *Physical review*, 47(10):777, 1935.