A Test of LaTeX

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03/26/2024

1 Abstract

This analysis combined data collected from multiple photmetric and spectroscopic observations and tecniques from decades of scientific papers to create code that estimates the distance to the SN1987a-like supernova, SN2018hna. The analysis concludes that the derived distance, between 13-15 Mpcs, is within acceptable range of other estimates and confirms the accuracy of the data and method.

2 Introduction

test ref [1]

3 Equations

4 References

References

[1] R. C. Mitchell, B. Didier, S. Ganesh, K. Acharya, R. Khadka, and B. Silwal. Locating Type II-P Supernovae Using the Expanding Photosphere Method. I. Comparing Distances from Different Line Velocities. *The Astrophysical Journal*, 942:38, January 2023. ADS Bibcode: 2023ApJ...942...38M.