

DISSERTATION TITLE

A THESIS PRESENTED

BY

AUTHOR NAME

SUBMITTED TO THE DEPARTMENT OF PHYSICS AND APPLIED PHYSICS,  
UNIVERSITY OF MASSACHUSETTS LOWELL,  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF

DOCTOR OF PHILOSOPHY

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Physics Program

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UNIVERSITY OF MASSACHUSETTS LOWELL

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AUTHOR NAME

ABSTRACT OF A THESIS SUBMITTED TO THE FACULTY OF THE DEPARTMENT OF PHYSICS AND  
APPLIED PHYSICS IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF

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# **Abstract**

This thesis ...

# Acknowledgments

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# 1 Introduction

Here is a citation example. SciPy (see [Virtanen et al., 2020](#), source page 0) was used to analyze the data.

## **2 Methodology**

## **3 Results**

## **4 Discussion**

## **5 Conclusions**

## 6 Literature Cited

### References

Virtanen, P., Gommers, R., Oliphant, T. E., Haberland, M., Reddy, T., Cournapeau, D., Burovski, E., Peterson, P., Weckesser, W., Bright, J., van der Walt, S. J., Brett, M., Wilson, J., Millman, K. J., Mayorov, N., Nelson, A. R. J., Jones, E., Kern, R., Larson, E., Carey, C. J., Polat, İ., Feng, Y., Moore, E. W., VanderPlas, J., Laxalde, D., Perktold, J., Cimrman, R., Henriksen, I., Quintero, E. A., Harris, C. R., Archibald, A. M., Ribeiro, A. H., Pedregosa, F., van Mulbregt, P., & SciPy 1.0 Contributors. 2020, *Nature Methods*, 17, 261

## **A   Appendix 1: TITLE**