

The Catholic University of America

[TITLE OF THE THESIS]

A DISSERTATION

Submitted to the Faculty of

Department of Physics

School of Arts and Science

Of The Catholic University of America

In Partial Fulfillment of the Requirements

For the Degree

Doctor of Philosophy

By

[AUTHOR'S NAME]

Washington, D.C.

2021

[TITLE OF THE THESIS]

[AUTHOR'S NAME]

Director: [ADVISOR'S NAME]

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This dissertation by [AUTHOR'S NAME] fulfills the dissertation requirement for the doctoral degree in Physics approved by [FIRST COMMITTEE MEMBER], as Director, and by [SECOND COMMITTEE MEMBER], and [THIRD COMMITTEE MEMBER], and [FORTH COMMITTEE MEMBER], Ph.D., as Readers.

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[AUTHOR'S NAME], Director

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[FIRST COMMITTEE MEMBER], Reader

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[SECOND COMMITTEE MEMBER], Reader

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[THIRD COMMITTEE MEMBER], Reader

## **DEDICATION**

[Optional Text]

## ACKNOWLEDGEMENTS

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Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at, molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Curabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio.

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## CHAPTER 1

### Introduction

#### An Interesting Section

Great thoughts that further your argument. This includes lots of strong evidence presented throughout several paragraphs, each accompanied by necessary citations.

Here is a block quotation—a passage from a text you found insightful and wanted to share with others. Maybe it is from a journal article, website, or book. Irrespective, it should support the argument being made.<sup>1</sup>

Maybe a sentence or two that bring the argument and evidence together.(dos Santos *et al.* 2020)



Figure 1.1: CUA Logo

---

1. A citation for the quoted material.

### **Another Insightful Section**

More ideas that really make this a great paper. Maybe a footnote or two.<sup>2</sup>

---

2. Some peripheral thoughts that belong in a note.

## CHAPTER 2

### A Second Chapter

#### An Interesting Section

Great thoughts that further your argument. This includes lots of strong evidence presented throughout several paragraphs, each accompanied by necessary citations.

Here is a block quotation—a passage from a text you found insightful and wanted to share with others. Maybe it is from a journal article, website, or book. Irrespective, it should support the argument being made.<sup>1</sup>

Maybe a sentence or two that bring the argument and evidence together.(dos Santos *et al.* 2020)

Table 2.1. Very imporant table.

| AIA channel (Å) | Scaling unit [DN/s/pixel] |
|-----------------|---------------------------|
| 94              | 10                        |
| 131             | 80                        |
| 171             | 2000                      |
| 193             | 3000                      |
| 211             | 1000                      |
| 304             | 500                       |
| 335             | 80                        |

#### Another Insightful Section

More ideas that really make this a great paper. Maybe a footnote or two.<sup>2</sup>

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1. A citation for the quoted material.

2. Some peripheral thoughts that belong in a note.

## CHAPTER 3

### A Third Chapter

#### An Interesting Section

Great thoughts that further your argument. This includes lots of strong evidence presented throughout several paragraphs, each accompanied by necessary citations.

Here is a block quotation—a passage from a text you found insightful and wanted to share with others. Maybe it is from a journal article, website, or book. Irrespective, it should support the argument being made.<sup>1</sup>

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More ideas that really make this a great paper. Maybe a footnote or two.<sup>2</sup>

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1. A citation for the quoted material.

2. Some peripheral thoughts that belong in a note.

## CHAPTER 4

### A Fourth Chapter

#### An Interesting Section

Great thoughts that further your argument. This includes lots of strong evidence presented throughout several paragraphs, each accompanied by necessary citations.

Here is a block quotation—a passage from a text you found insightful and wanted to share with others. Maybe it is from a journal article, website, or book. Irrespective, it should support the argument being made.<sup>1</sup>

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More ideas that really make this a great paper. Maybe a footnote or two.<sup>2</sup>

---

1. A citation for the quoted material.

2. Some peripheral thoughts that belong in a note.

## CHAPTER 5

### Conclusion

#### An Interesting Section

Great thoughts that further your argument. This includes lots of strong evidence presented throughout several paragraphs, each accompanied by necessary citations.

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Maybe a sentence or two that bring the argument and evidence together.(dos Santos *et al.* 2020)

#### Another Insightful Section

More ideas that really make this a great paper. Maybe a footnote or two.<sup>2</sup>

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1. A citation for the quoted material.

2. Some peripheral thoughts that belong in a note.

## REFERENCES

dos Santos, L.F.G., Narock, A., Nieves-Chinchilla, T., Nuñez, M., Kirk, M.: 2020, Identifying Flux Rope Signatures Using a Deep Neural Network. *Sol. Phys.* **295**(10), 131. DOI. ADS.

## APPENDIX A

### Chapter 1



#### **3-Color Reversed**

The 3-color reversed logo should only be used on red or black brand colors and on imagery where the logo is clear and unobstructed.



#### **1-Color Reversed**

The 1-color reversed logo should be used only on approved brand colors and on imagery where the logo is clear and unobstructed.

Figure A.1: CUA Logo 2



## APPENDIX B

### Chapter 2

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## APPENDIX C

### Chapter 3

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