

# RMSynth: A GPU-accelerated code for Rotation Measure Synthesis.

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## Abstract

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## 1. Introduction

## 2. Overview of RM Synthesis

Brief mathematical overview of RM Synthesis... Look at Heald 2009 paper for inspiration. Have a paragraph in the end about computational costs involved in RM Synthesis.

## 3. GPU implementation of RM Synthesis

## 4. Discussion

## 5. Conclusion

## Acknowledgements

## References

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