

Professional Bachelor Applied Information Science



UAVs autonomously navigating dynamic environments

Vic Segers

Promoters:

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Acknowledgements

Abstract

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Introduction

Traineeship report

Chapter 3 About the company

Chapter 4 Chapter

Research topic

How can UAVs navigate autonomously through dynamic environments?

- How can a UAV orient itself in an unknown environment?
 - How is a UAV able to observe its environment?
 - * Which sensors are eligable for a UAV to observe an environment?
 - How is a UAV able to map its environment and its location in this mapped environment?
- How can a UAV find an executable path from its location to a goal?
 - How can a UAV determine what an executable path is?
- How is the UAV able to execute a path?

Conclusion

Bibliographical references

Appendices

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