



Thesis

Methods exploration for small moving object detection using Lidar and/or Radar

Introduction

In many agricultural machines, the method for applying a product to the field involves propelling the product through the air (e.g. fertiliser spreaders).

The spread patterns of such machines are of interest to see that the machines are spreading in a controlled way. One way of measuring these spread patters is through the use of Lidar sensors.

The goal is to survey the literature of the different methods/sensors/algorithms for detecting small moving objects in agricultural applications and to produce a small simulation.

Aims:

- Survey relevant literature in academic journals
- Present data/results
- Present the current state of the art in the field.

Prerequisites

- Interest in agricultural engineering
- Structured and independent way of working
- Good written and spoken English

If you have any further questions, please send an email to the contact person.

Start: immediate or in the next semester

- Send your application by email to samuel.brodie@tum.de including your current **transcript of records**