

Homework 1 - Obstacle Avoidance

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Abstract

The goal of this project is to....

1 Question 1

The point on the car that traces an arc of maximum radius is the outer front corner. Let $e = \frac{l-b}{2}$ be the distance from the front axel to the front edge of the car. Then, this radius is $\sqrt{(r + \frac{w}{2}) + (e + b)^2}$.

Outline The remainder of this article is organized as follows. Section 2 gives account of previous work. Our new and exciting results are described in Section 3. Finally, Section 4 gives the conclusions.

2 Previous work

A much longer L^AT_EX 2_ε example was written by Gil [?].

3 Results

In this section we describe the results.

4 Conclusions

We worked hard, and achieved very little.