

Navigation and Communication for UGV/UAV

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Introduction

- In [1-3], the authors have shown various forces on stationary balls with/without spin in wind tunnels of different types. So, **drag** and **side** forces are determined.

Motor control basic

- The trajectory equation is derived from [5], where the author sets an equation for both compact debris and sheet debris.

Serial communication protocols

The basic trajectory equation for cricket balls:

ESP32 Based Applications

Vaman Based Applications

SATCOM for UAV Communication

- When the cricket ball travel through the air towards the batsman, the air flow around the ball can be **laminar** or **turbulent**.

Conclusion and Future Directions