

# Motivation

**Problem Definitions**

**Related Work**

**Research Questions**

**Contributions**

**Conclusion**



# Motivation

- Companies like Amazon employ **thousands of mobile robots** in their warehouses
- Large-scale warehouse management requires **coordination**
- Need **performant methods** to orchestrate movements as **scale increases**



[https://www.youtube.com/watch?v=4DKrcpa8Z\\_E](https://www.youtube.com/watch?v=4DKrcpa8Z_E)