

# My First LaTeX Document

Your Name

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## Abstract

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**Keywords:** Keywords

# Introduction

## General introduction

In the latest year robot has become a more and more prominent part of the work force, becoming more present in most sector of the industries. Robot were particularly important in the manufacturing industry as repeated movement and task could be automated, increasing productivity and the safety of the workers, that worked with big macinery [1]. Industrial robot are big, and can be dangerous to human working cloes to it, that is why during the last years [2] cobot has been introduced. Cobot are, lighter, smaller but safer[3] than industrial robot, using force sensors and appositi algorithm they are deemed safe to work side by side with a human under the [4] sets of law This ensured to provide the flexibility that the industrial robot missed allowing robot to be used in more specific and more elastic, flexible task, where the specific can change with time, which made them unfit for industrial robot, where programming tend to be more complex [4] So the robot and the human could collaborate on a task, resulting in the human doing less repetitive or dangerous tasks.

[1]:paper

[2]:paper

[3]:paper

[4]:define(ISO?)

## What is HRC

HRC, which stands for human robot collaboration, is a field of robotics that studies collaborative tasks between robots and human.[5] .

5:difficulties in  
HHC paper

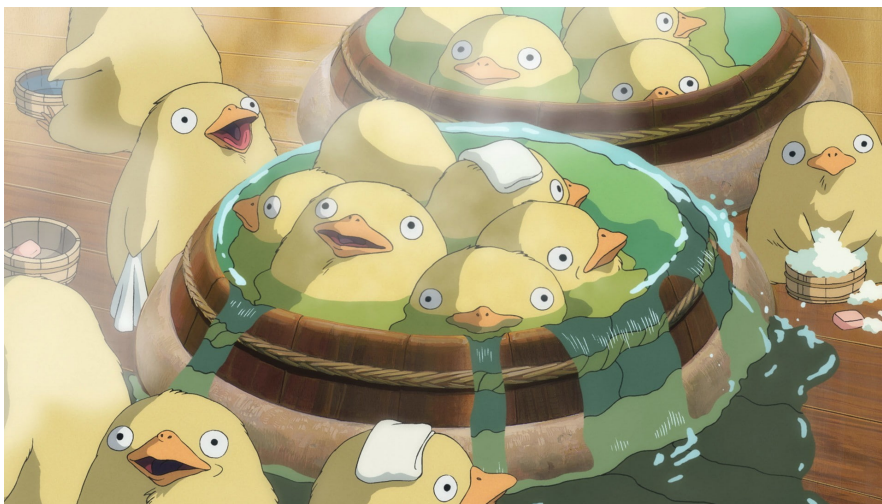


Figure 1

# Literature review

# Methods

# Results



# Discussion

# Conclusions

# Bibliography

- [1] Dylan Cawthorne. Robot ethics: Ethical design considerations. In *Foundations of Robotics: A Multidisciplinary Approach with Python and ROS*, pages 473–491. Springer, 2022.