

My great paper

Gimenez Bolinches, Andreu
esdandreu@gmail.com



Figure 1: My simple figure

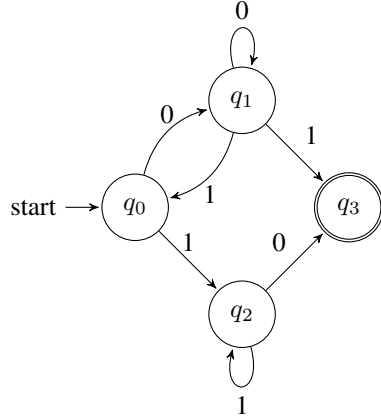


Figure 2: Finite state machine diagram

Abstract—As part of the *Ad hoc sensor network* course, in this work we analyse and comment *Kimera-Multi* a multi-robot simultaneous localization and mapping system able to generate a dense metric-semantic mesh in a fully distributed fashion. The sensor network presented in this paper is composed of expensive and complex nodes, unlike the canonical problems presented during the course lectures. Nevertheless they face similar challenges, such as communication limitations and resilience to node failures.

I. INTRODUCTION

Review of the existent space rovers. With conclusions on the end (5-10 pages, no more)

There is a simple figure created with the custom command `\simplefigure`, it is [figure 1](#).

sectionRelated Work

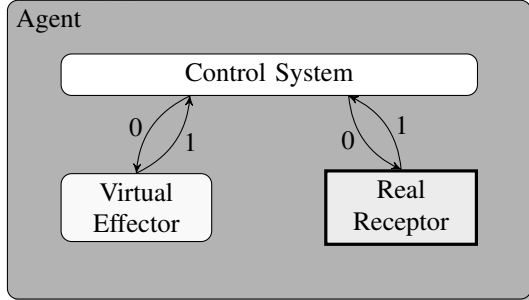
Somebody has written \LaTeX templates as well

II. OVERVIEW

The motivation

A. Implementation

[Tikz Manual](#)



[Finite State Machines tutorial](#)

B. My subsystem

finish

III. EVALUATION

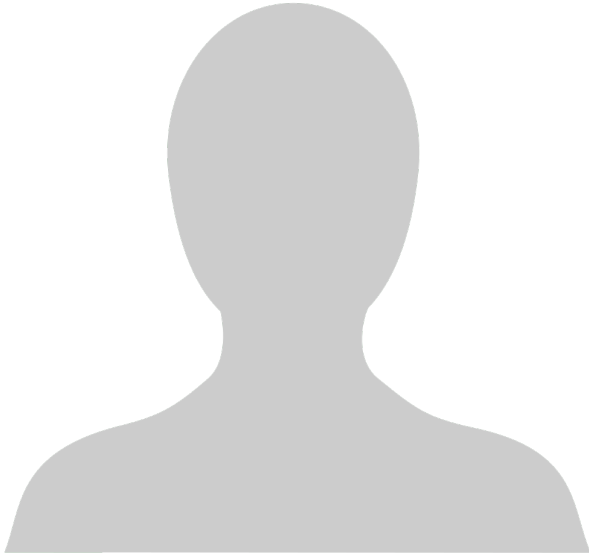
I am not sure if this is the best way to do it, but I tested it using some public datasets.

IV. CONCLUSIONS

In conclusions, robots are the best [1]. [Figures 3a](#) and [3b](#) can be referenced easily with `cleverref`.

REFERENCES

- [1] TUG. *TeX Live*. 2017. URL: <https://www.tug.org/texlive/>.



(a) Person



(b) Subfigures can be removed from the list of figures. Check `packages.tex` and change the options for **subcaption**

Figure 3: You can use `\subdir` in order to get the subdirectory where this file is located. This makes easier a fractal file structure. Example: `content/conclusions`

APPENDIX A
STUFF I FORGOT

Robots are really, really great.