A Short Instruction for nnbarrier

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1 Introduction

1.1 A Subsection Sample

Please [2] try [1] avoid rasterized images for line-art diagrams and schemas. Whenever possible, use vector graphics instead (see Fig. 1).

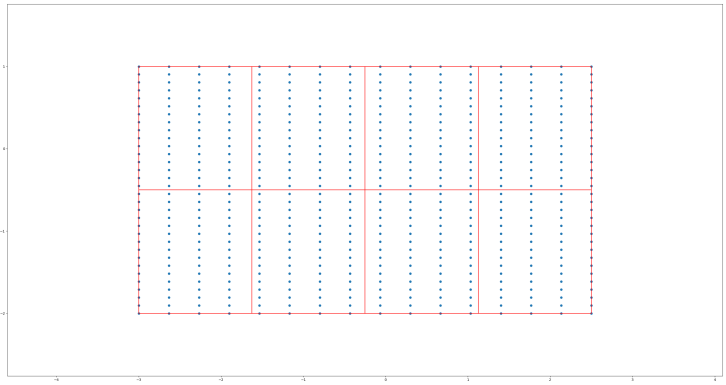

Fig. 1. A figure caption is always placed below the illustration. Please note that short captions are centered, while long ones are justified by the macro package automatically.

2 Installation

- What elements of the paper are included in the REP (e.g.: specific figures, tables, etc.).
- The system requirements for running the REP (e.g.: OS, compilers, environments, etc.).

– Instructions for installing and running the software and extracting the corresponding results.

– hscc2020 hscc20:111111
– ubuntu: 18.04.02 LTS `https://ubuntu.com/download/desktop`
– gcc: sudo apt update; sudo apt install build-essential; gcc –version
– python: 3.6.7 python3 –version `__init__`
– pip3: sudo apt install python3-pip
– git: sudo apt install git
– pytorch: `https://pytorch.org/`

```
pip3 install torch==1.3.1+cpu torchvision==0.4.2+cpu -f
    https://download.pytorch.org/whl/torch_stable.html
```

```
if i==0:
    abc
else:
    def
```

3 Sample Input

```
import torch.nn as nn
import numpy as np
import superp
import prob
```

4 Cases in the Paper

5 Define Your Own Problem

6 Fine-Tuning

References

1. Barry, A., Majumdar, A., Tedrake, R.: Safety verification of reactive controllers for uav flight in cluttered environments using barrier certificates. In: 2012 IEEE International Conference on Robotics and Automation, ICRA 2012. pp. 484–490. nstitute of Electrical and Electronics Engineers Inc. (2012)
2. Prajna, S., Jadbabaie, A.: Safety verification of hybrid systems using barrier certificates. In: Proceedings of the 7th International Workshop on Hybrid Systems: Computation and Control HSCC. pp. 477–492 (2004)