

Ball and Plate

1.0

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Chapter 1

Class Index

1.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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Chapter 2

Class Documentation

2.1 PidBp Class Reference

Classe desenvolvida para implementação do controle do Ball and Plate por meio do emprego do PID.

```
#include <PidBp.h>
```

Public Member Functions

- void `setup` ()
Função `setup()` para implementação do controle PID (2 DOF).
- void `loop` ()
Função `loop()` para implementação do controle PID (2 DOF).

2.1.1 Detailed Description

Classe desenvolvida para implementação do controle do Ball and Plate por meio do emprego do PID.

The documentation for this class was generated from the following files:

- /home/iasbeck/Área de Trabalho/ballPlate/ballPlate/include/PidBp.h
- /home/iasbeck/Área de Trabalho/ballPlate/ballPlate/src/PidBp.cpp

2.2 Touch Class Reference

Public Member Functions

- int `getRawX` ()
- int `getRawY` ()

The documentation for this class was generated from the following files:

- /home/iasbeck/Área de Trabalho/ballPlate/ballPlate/include/Touch.h
- /home/iasbeck/Área de Trabalho/ballPlate/ballPlate/src/Touch.cpp

2.3 TouchTest Class Reference

Public Member Functions

- void **setup** ()
- void **loop** ()
- void **getRawValues** ()

The documentation for this class was generated from the following files:

- /home/iasbeck/Área de Trabalho/ballPlate/ballPlate/test/TouchTest.h
- /home/iasbeck/Área de Trabalho/ballPlate/ballPlate/test/TouchTest.cpp

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