

# Dog Spinning Exercise

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## 1. Purpose of the experiment

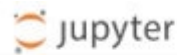
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Understanding and Implementing the dog Spin

## 2. Experimental path source code

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Enter the dog's system, end the dog program, enter "ip (ip is the dog's ip): 8888" in the browser, and enter the password "yahboom" after entering



Password:

Then log in and go to `cd ~/DOGZILLA_Lite_class/3.Dog Base Control/02.Dog_Trun` and run `Dog_trun.ipynb`.

## 3. Experimental Phenomenon

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After running the program, you can adjust different frequencies and rotation steps to get different rotation speeds of the dog.

## 4. Main source code analysis

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1. `dog.turn(value)` The rotation speed of the mechanical dog: value range [-150,150]
2. `dog.pace('slow')` #dog 's frequency
  - slow: jogging pace
  - normal: normal pace
  - high: fast pace