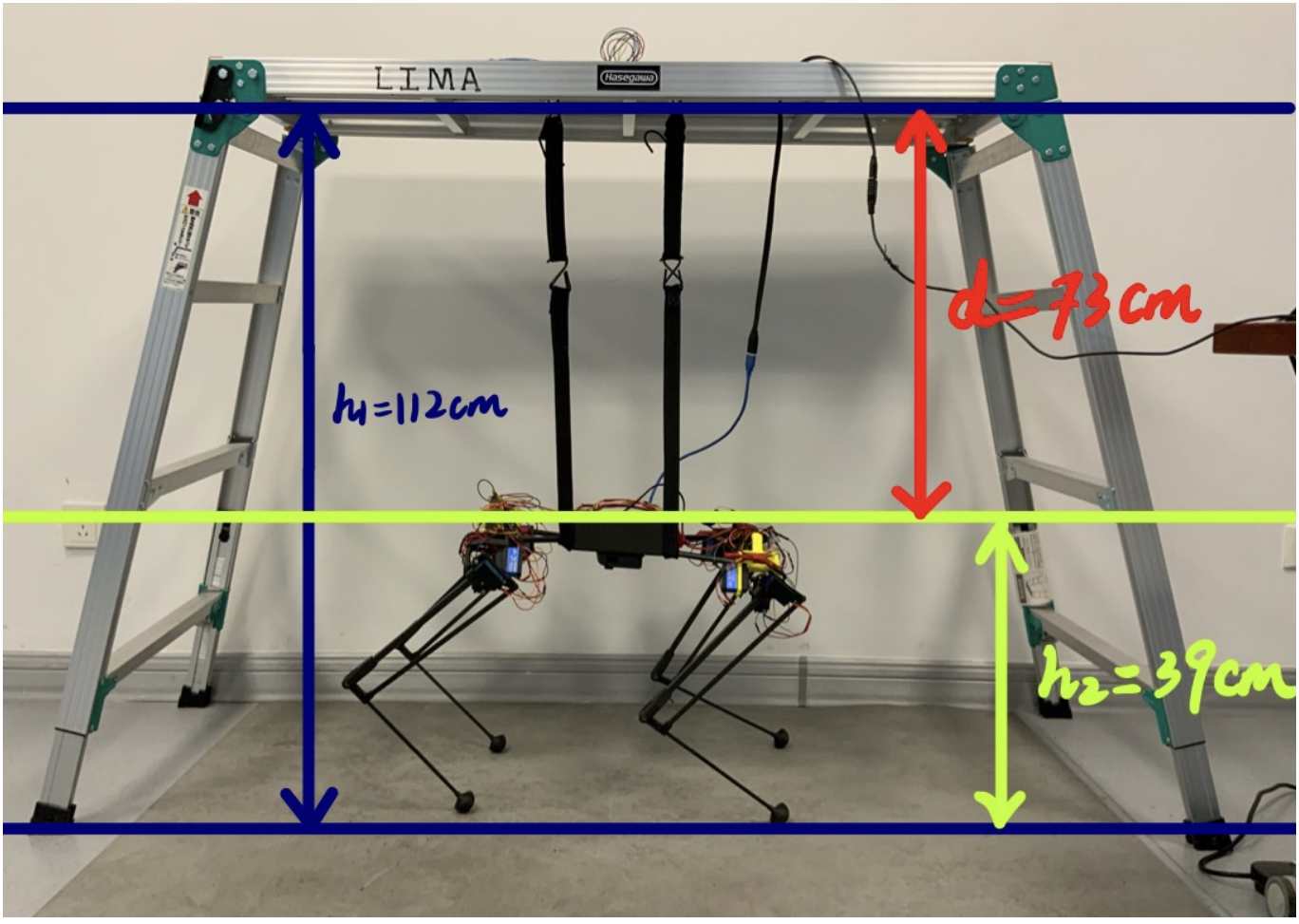
Experiment (Dec. 23, Wed, Week16, Minimum Support)

Experimental Setup

- Number of iterations: 50
    - For each iteration (each set of parameters), we perform 3 times, and take the average of the fitness value.
- Support Configuration
    - Ladder top to ground $h1 = 112\ cm$
    - Robot top to ground $h2 = 39\ cm$
    - Ladder top to robot top $d = h1 - h2 = 112 - 39 = 73\ cm$
        - Minimum support: constant $d = 73\ cm$ for all 50 iterations



Optimization algorithm

Basic continuous Bayesian Optimization

```
$ cd BO/Python_code
$ python3 BO.py
```

Results

Best target and parameters: