

RoboCup

2024

	.....	3
	.....	4
2.1	.....	4
2.2	.....	4
	.....	5
	.....	7
	.....	8
	.....	9
6.1	.....	9
6.2	.....	9
	.....	11
	.....	15
	.....	16
	.....	17
	.....	I

RoboCup

1

2010

2

1 2024 RoboCup

2

Times New Roman

1

2

2.1

2.2

2.3

2.4

2.5

2.6

2.7

3

robocupms@163.com

1
word
1.5
2
3
6 pdf 1.5
3 2021--2023
4
1
2 10 5 20 2 15 12
1 15 1
5
XX _XX _
20M

1-2

3-5

QQ 116319518
150 300

5

10%

1 3

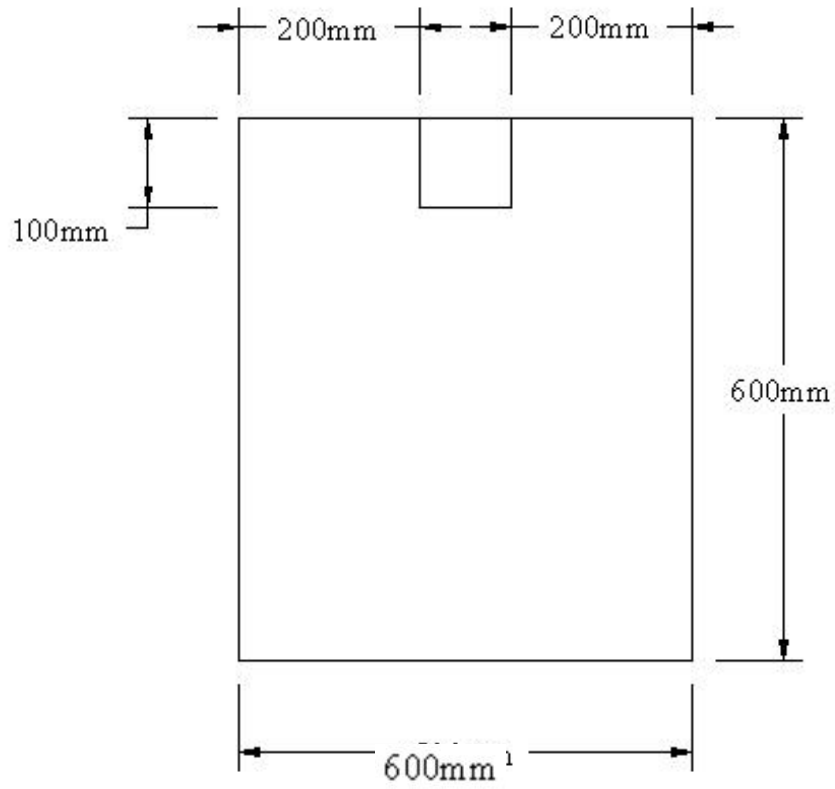
3

1 1
500mm 300mm 10 300mm 1
2 1
100mm 1 " 1 "
5 10 20
10 5 5

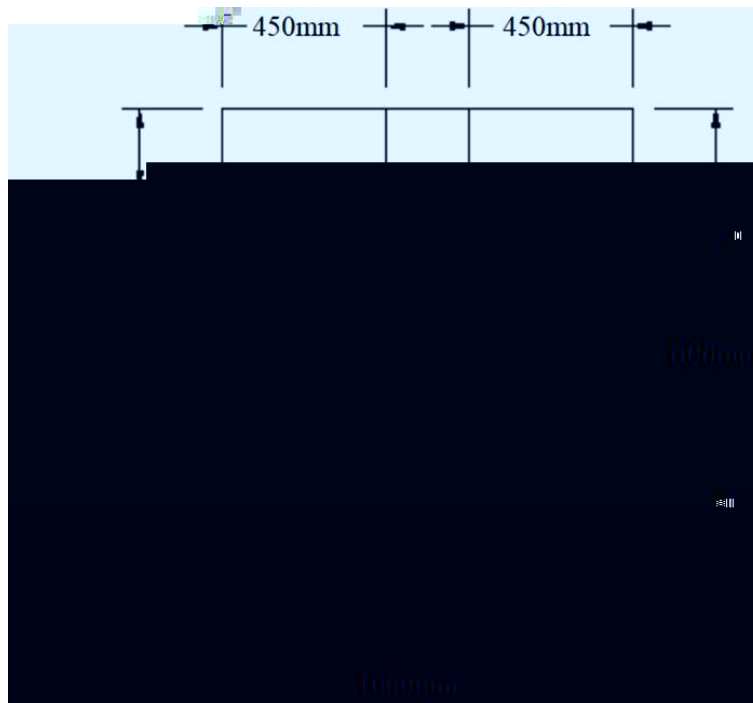
3 1 10

4 1 5 10 5%

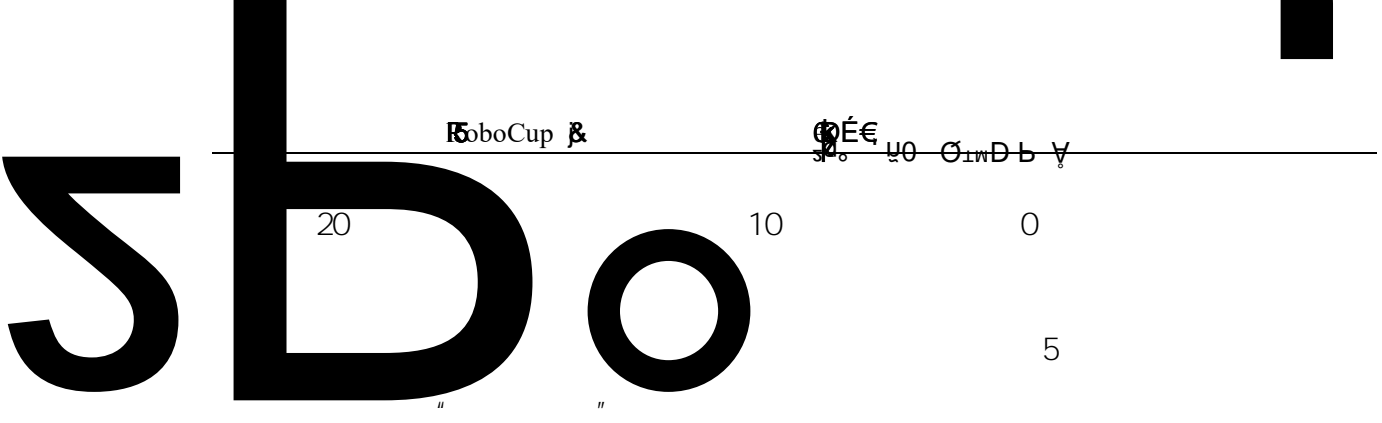
5 3
500mm 300mm 10 300mm 1
6 3
3
100mm " 3 "



2



3



RoboCup &

QEE

20

10

0

5

4



4



1

2

3

4

5

30

3

3

3

2

RoboCup

/

RoboCup

2024 7

2024

RoboCup

