



12 15

100



"

"

"

"

12 15

100

"

"

2018

2019





1	18-19	2
2	18-19	2
3		
4	18-19	2
5	18-19	1

6



1

2

3

4



1

17	2018	12	24		19	2019	1	4
	9			11				

11287

32

2

12

26





1

337 15296

2

40

3

"

"

"

"

()



12 7



2015-2018

2018

2018



2016

12

2016

1602

6

" 11"

7000

1601

JW

1601



12

25

17

15

16

B



33

1300



12 28

15



2018 12 25

"

"

"

"

B

34

10

"

"



12 10 14

100%

53

bootstrap echarts



12 20 21 2018 ---

11

20 4 21 7 30

4



12 26 28 2019

"

"

9

27



()



12 6

"

"

"

"

"

"

"

"

50

"

"

"

"



2018 12 10

UV



2019

3



2019

)

2018 11 1

2018

12 20 21

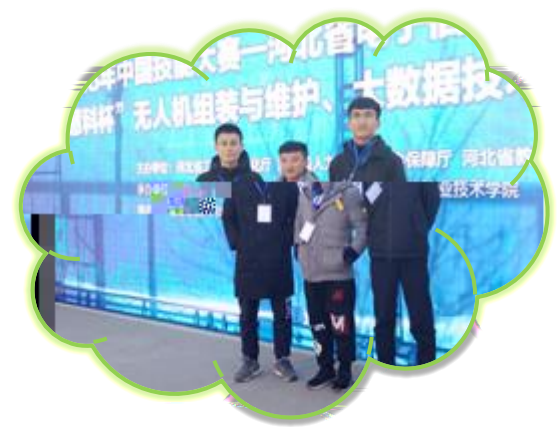
7 8 9

4 10

6

1554 7

1601



12 1701

2018

--

63

22

54



2019

12 22



()



“ ”

2010~2020

“

“ ” “ ”

“

“ ” “ ” “ ” “ ”

" " " "

" "

)



2018 12 4 A308



2018 12

" BIM " "

" "

"

"

"

"

"

"

"

"

()



2018 12 28



2018 12 24

1801 1802

" "

1801

()



12



1

2

3

2018



"

"

2018 12



2018 12 25 B

205

1701 PK 1801 1701 10

1801

"

"

12

4

()



2018

12 8

-9





2018

—

— —

“

”

“

”

“

”

+

+



“

”



(

)



12

11

12



2018 12



2018 12 15

B

()



40

12 22

40

40

40

"

"

"

"

"

"

"

"



12

6



12

2018-

2019

2

6



1

14

-20

2018-2019

1



2018

"

"



()



12 18

"

40

"

40



2018

12

2018

928



2018

12

" 2018

"

7

235



12 8



1 4

10 29 -11 2



,

2018 12 11

60



4

70

12 13



2018 12 18

A 107

50

2018 11 1

B 103

1710

12

"

"

5

— —

40

— —