```
****************************************
PROVA 2-A ****************************************
****************************************


2 ----------------------------------------
[3, 4]  -  [10, 12]
ps: [-7, 7, -8, 8]
qs: [-2, 12, -1, 11]
a_1 = 0.2857142857142857 (-2 / -7) e a_2 = 1

novo p1:
p_1 (5.0, 6.285714285714286)


3 ----------------------------------------
[2 3]
[5 6]
d = 3 ---> (3, 3)
d = -3 ---> (4, 4)
d = -3 ---> (5, 5)

4 ----------------------------------------
(0.108, 0.102, 0)

5 ----------------------------------------
p_0 (0, 6, 0)
p_1 (6, 8, 0)
p_2 (3, 9, 0)
p_3 (9, 9, 0)

u = [0.0, 0.3, 0.5, 0.7, 1.0]

u = 0.0  (0.0, 6.0, 0)
u = 0.3  (3.456, 7.53, 0)
u = 0.5  (4.5, 8.25, 0)
u = 0.7  (5.544, 8.73, 0)
u = 1.0  (9.0, 9.0, 0)




****************************************
PROVA 2-B ****************************************
****************************************


2 ----------------------------------------
[2, 6]  -  [9, 13]
ps: [-7, 7, -7, 7]
qs: [-3, 13, 1, 9]
a_1 = 0.42857142857142855 e a_2 = 1

novo p1:
p_1 (5.0, 9.0)
```

```
3 ----------------------------------------
[1 4]
[5 8]
d = 4 ---> (2, 4)
d = -4 ---> (3, 5)
d = -4 ---> (4, 6)
d = -4 ---> (5, 7)


4 ----------------------------------------
(0,0975, 0,119, 0.088)


5 ----------------------------------------
p_0 (5, 8, 0)
p_1 (3, 9, 0)
p_2 (8, 0, 0)
p_3 (6, 5, 0)

u = [0.0, 0.2, 0.4, 0.6, 0.8, 1.0]

u = 0.0  (5.0, 8.0, 0)
u = 0.2  (4.528, 7.592, 0)
u = 0.4  (5.064, 5.936, 0)
u = 0.6  (5.936, 4.184, 0)
u = 0.8  (6.472, 3.488, 0)
u = 1.0  (6.0, 5.0, 0)
```