```
1
    /*
2
3
        ROTATING CALIPERS ALVARO
4
5
    */
6
7
8
    int rotatingCalipers(vector<point> &up, vector<point> &dn){
9
        int ans = 0;
10
        int i = 0, j = dn.size()-1;
11
12
13
        while(i < (int)up.size() - 1 \mid \mid j > 0){
           // Entrou aqui: up[i] e dn[j] eh um antipodal pair
14
15
           ans = max(ans, dist2(up[i],dn[j]));
16
17
           if(i = (int)up.size()-1) j--;
18
           else if(j = 0) i++;
19
           else{
20
               // Verifica qual o menor angulo a ser rotacionado p utilizar na rotacao
               21
22
23
                   i++;
24
               else
25
                   j--;
26
           }
27
28
        return ans;
29
    }
30
```

- 1 -