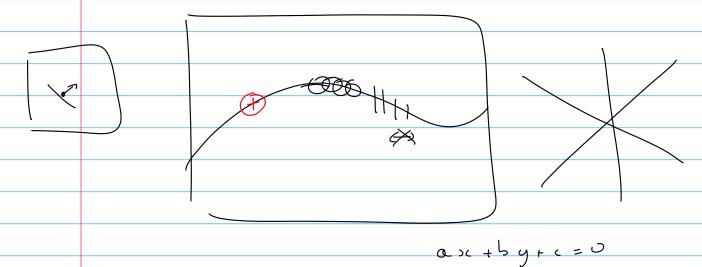


$$V[f_i] + = 1$$
 $0 \le f_i < size(V)$ $p > C$
 $1 \le f_i \le size(V)$ methal

$$\begin{cases}
= min + \begin{cases}
i & 0 \\
i & -1
\end{cases}$$

occ - Zero (()) for (x, y) i PointList: foresid value of (a, b) a_i = discr(a) b; = disor (b) check if a; and b; is valid ace (q, , b,) +=1 $y = \alpha \times + 5 \longrightarrow 5 = y - \alpha \times 4 = y - 5$ for b; in to, no b = bmin + i Db a = y - b a: - disor (a) if a; 7,0 and a: < n & acc (a:, b;) +=1 au (α; b; +1) +; 0.5 \ SMOOTHANG σα (α; b; -1) +: 0.5 y=0x+6 (0,5) a (0,5) n=100 b = y - a x b ∈ (-0,5, 0,5) 4=100 Au - zero ((100,100), olyge=int) 0 =0.01



M points

K bins

2 dimensions -> 1 free param

Time complexity: n k 2 16(n k)

with gred -> 0 fee param

O (n k)

ol dim, -> d free olin

O (n k)

SPACE COMPLEXITY

O(K)

$$\left(C_{1}(-x)^{2}+\left(C_{1}-C_{1}\right)^{2}-n^{2}\right)$$

