班级

姓名

编号

科目

第

To 构造于: [o, i]→ [a, b], +cx) = a + cb-a)-x

T4 0: A = {x (3n) (n EN 1 x = n2)}

(2): A2 = {x|(3n)(nenxx=n3)}

3: A3 = { x | (=n) (neN/1 x = n4) }

 $T_7$  (1)  $2^m \le k^m \le m^m \le 2^m \implies k^m = 2^m$ 

(2)  $2^{m} \leq L^{m} \leq m^{m} \leq 2^{m} = )$   $L^{m} = 2^{m} = k^{m}$ 

$$T_9$$
 将点按  $|x_1+|y|$  的值划分为下面的点集
$$A_0 = \left\{ (0,0) \right\} \ A_1 = \left\{ (+,0), (0,-1), (0,1), (1,0) \right\}$$

$$A_2 = \left\{ (-2,0), (-4,-1), (0,-3), (2,0), (1,1), (0,2), (1,-1), (-4,1) \right\}$$

$$\vdots$$
构造  $f: N \to$  整点的禁念
$$+(0) = (0,0), f(1) = (-1,0) + (2) = (0,-1), ----$$

$$f \to$$
 单射且  $+$  为满射  $\to$  所有整点构成的集合为可数集

$$(7) = |\rho|^{lpl} = 2^{41}$$