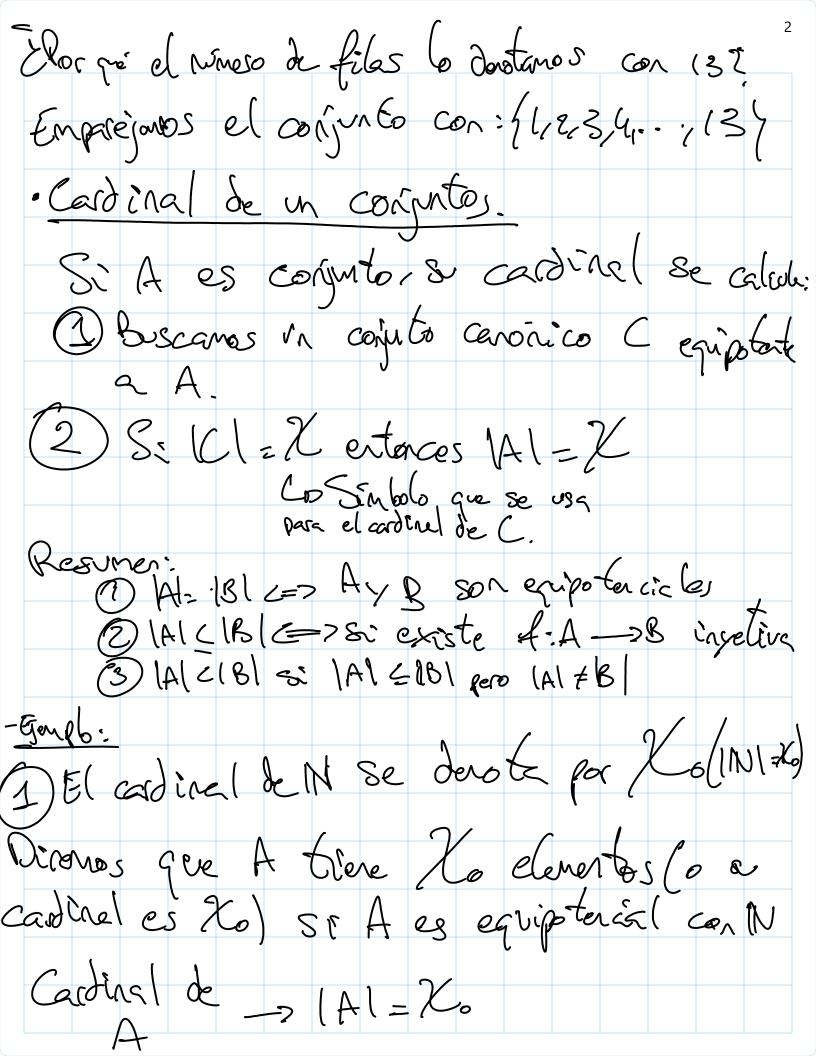
TEMA 2: CARDINACIDAD 1. Conjuntos equipalocales cardinales ¿Cuartes donentos tione en conjunto infinito?.
¿Cuartos elevatos tiene en conjunto finito? 1,2,3...
· Comparar conjuntos en función de su viviero de donor - Formac parejas -> Aplicación injectur A y B timer el mismo número de eleventos si existe un aplicación bixection f: A -> B = DAy B equipotocoly - Ejenpos DA= Atotudiantes file certail Ay B lo sion B= / Estudiantes file 127/ Si existe f:B->A invettin 2) A=N, B={Mo(tiples de 5} doin tiene mas elementos? A, BEA 4:A-2B flat: Sa = DA y B son equipotentes



- Ejaplo -

A=N,
$$g=Mi(tiple)$$
 de 7
 $f: B \rightarrow N, f(x) = t$
 $0 \xrightarrow{-20} f$ es injection = 15 $(B) \le X_0$
 $14 \xrightarrow{-74} 14$
 $g: B \rightarrow N'; S(x) = \frac{1}{7} \text{ bijection}$
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 $g:$

d'Existe un cosinto infinite no equipotente a M? · En recaciones Si A es infinito rumerable, existe f:N -> A Sizetting 0 - 3f(0) = 26 1 - 3f(0) = 26 2 - 3f(2) = 22 $\frac{1}{3}$ - Ejenplo lAlulBl= A- 3/ (NEN*) ER AUB = Ca B={~~ | ~ 61N* } = | R C7 = 25, [Al=20, 9,= 1 29,=1 C2 = 52 CA = 1 6 1/2 MAR C4 = 52 / 2 1/4 1/4 (B) = 26 = 6 = NZ = 51 = 57 62 = 257 53 = 352 Cs = <3

Dué mose	con R7-2 Centar	1(
¿ Que 6010e	co. [0,13? x & [0,13	
x=0'2021	126 964	
X1=0'E12		
X2 = 0' ar ar	22 22 62 6	
×2=0'a31 632	(427)22	
	57 = 1 5: 922	
xy =0/241 242	943 (944) bz=/ 1 Si 922	
		١, ٦
	y=0'b,bzbgby	
, —		
YEX, - Te	zonema = [0,13 no es numerable	
ytxi	ER?	
ytxz	R=[0,130[1,230	
1 23	U[-1,0] U[-2,-1]U	
χ_{o}		
82	10,13 CR = 0/[0,13/5(1R)	
1(R) +x		
7		\dashv

