a)
$$A = J(A)$$
?

 $A = A^{\circ} (J) A$

$$= A \cup A' = J \cup A'$$

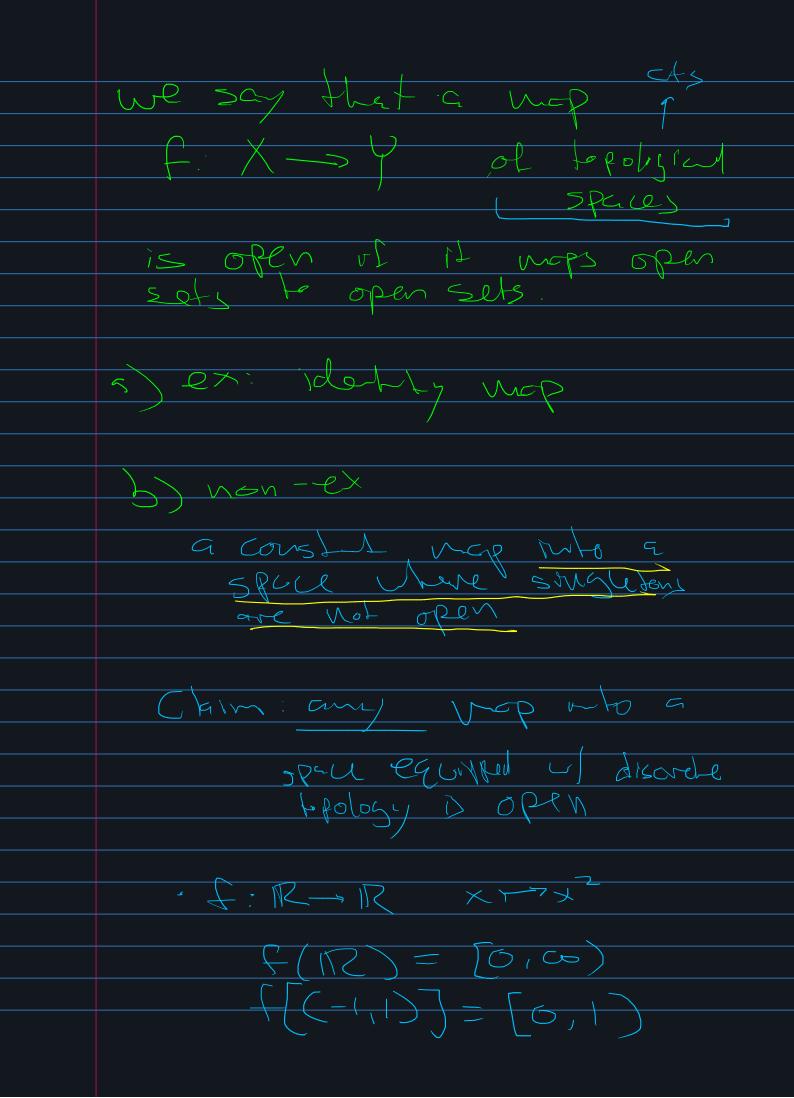
$$= A \cup A' = J \cup A' = J \cup A'$$

$$= A \cup A' = J \cup A$$

Idea: 5 how the M= 1200 Ha) E DE 20 Hat B(X, 2) hits an element as the proposed courteble sit $D_{2}: Lot S_{N} = \{ (\Gamma_{1}, \Gamma_{L}, -, \Gamma_{N}, 0, 0, -) \}$, 5 n is countable =>> 50 B S N Z D FICK (9n) Elz & W 270 kg 5 Nen. WTS 3 (qn) ED 5.+. d2 ((an), (9n)) < E Tolen: Since (an) Eli 175 fail most eventully be small (after N) PICK FIEQ St. Jri-ail 5 mills

< MINE, 2) PICK N S.J. 2 an 2 2 9/2 + NOW PILL FUE O SID. Jan-Fize E/ZN (can do stace)

R=IR $\Rightarrow 201 (9n) = (\Gamma_{11}, \Gamma_{N}, O, O, -)$ $\frac{2}{2}\left(\frac{r_{N}}{r_{N}},\frac{r_{N}}{r_{N}}\right)$ $\leq \frac{2}{5}$ $\frac{2}{2N}$ + $\frac{2}{2}$ 5 2 Idea: DF is mid is Fdown DA= A A = A (A°)



C) show flut 12 FIR 3 CFS & open => 5 is 5+r. City morotone 508802 7 Not Strict moro. $\Rightarrow \Rightarrow \times < \times > 52. \quad \angle(\times) = \angle(\vee)$ go for here. --.