83-Cii) San CE Louis el conjunto de cambor. Probar C+C= [0,2] Dem: Recordar: $C = \{x \in [c_0]\} | x = \sum_{i=1}^{\infty} \frac{in}{2^{i}}$ in $\in \{c_0, 2\}\}$ Defining D= 1 to Louis to 5 in , in 620,144 Afi: D+D = [0,1] & [0,1] & [0,1] = [0,1] & [0,1] = [0,1] & [0,: Si tED, SED = 5+t = + ==1 2j: Seq \$ 6 Lo, 1] En ternario: $y = \sum_{n=1}^{\infty} \frac{k_n}{3^n}$ $k_n \in \{0,1,2\}$ definimos In Fin + In + in = Kn con: Kn = 0, $\tilde{J}n = 0 = \tilde{I}n$ Kn=1 =3 in= 1, in=0 kn=2 jn=1=inDefining $t = \sum_{n=1}^{\infty} \frac{1}{3^n} \in D$, $s = \sum_{n=1}^{\infty} \frac{1}{3^n} \in D$ y 6+5= y. P.D. C+C= Lo,2j = cj caro. Motor 2] = x 6 L1/2] => \$\frac{x}{2} \in \text{L0/1]} => \$\frac{x}{2} = \text{t+8} 2t/2st C