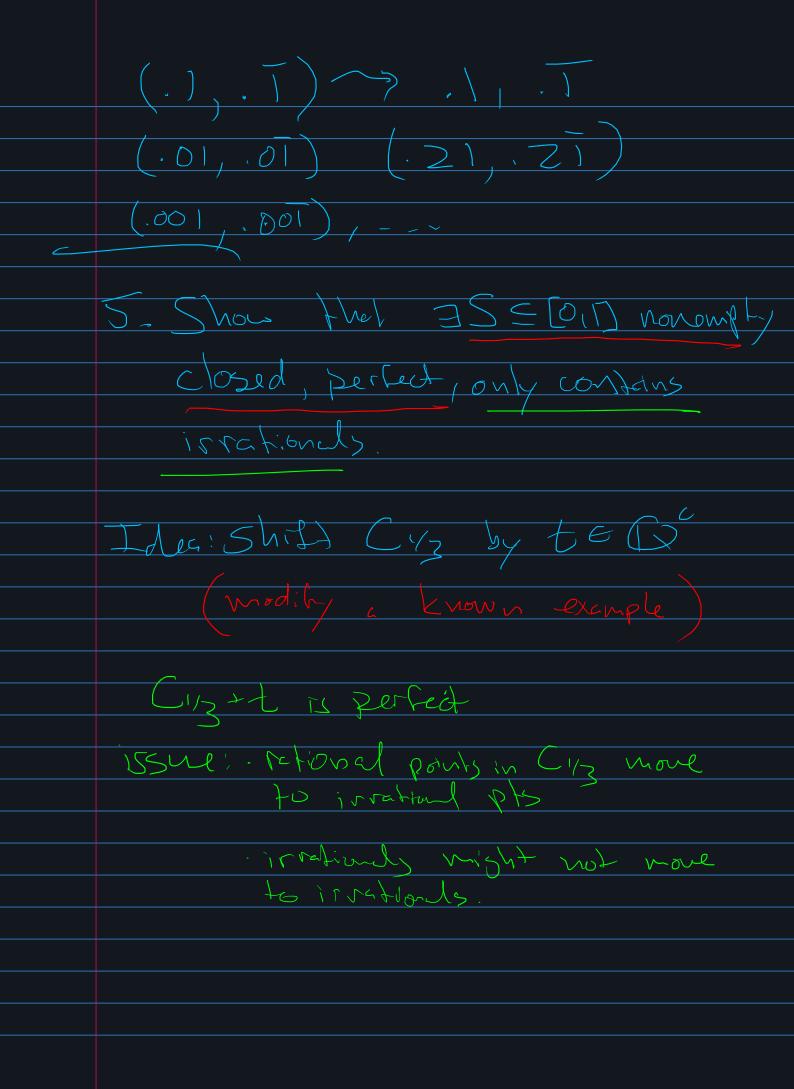
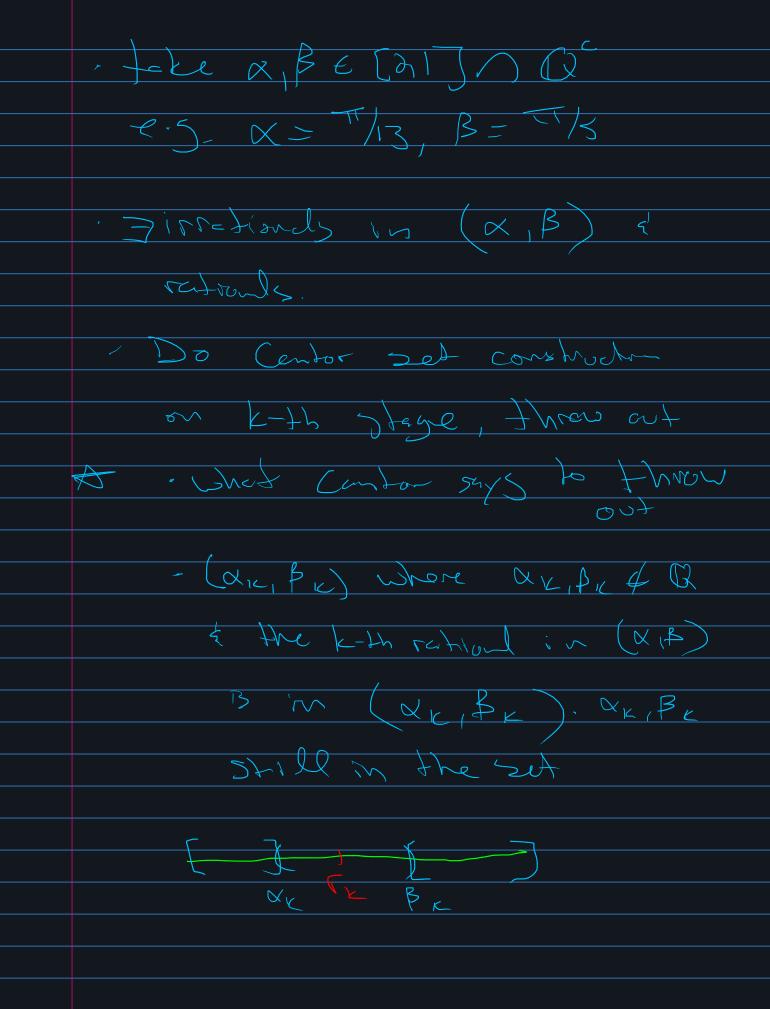
Show that I A uncomble Be A countie => A\B(1) not every to show AB uncountable Both uncountible of equivalent M: countable 12: UM Coyulable 21/2 Confor's This; for any zet

The Seq Gy = W convegios 160 Sing 4270 3N_. 1 WTS that ----(Good) Q', are all sets in C's endpoints C13= {XE[0,1], base 3 hs No Endpoints = {xe(0,1), base } no 15 ends w 02 3 e.g. .62 = /4





W C43 51d Cent Set & 'let (= {xe(oil) bre 4 no/5} 4. Cyt= (x+t: x & C13) claim: Cyn Cys. + 6 V LE [OIL] S XCC13 1 C13 $= 2 \times = 2 \times 2000 \times 20$ = C1-C2 (G113 C C1/2 = [-1,1] C1/2 + C1/2 = [0,2]

2.26 Let
$$f: C_{13} \rightarrow C_{011})$$
 be

the confort in Let $x < y$

Show thus if $f(x) = f(y)$

then x has two bose $g(x) = f(y)$
 $f(x) = \frac{2x_1}{3} + \frac{2x_2}{3^2} + \frac{2x_$

LHS 5 7NH) + 1 = $1/2^N$ only vay LHS = RHS 3 X-1= | D'U > N