let X be an ordered topology, Show that (a,b)  $\subset$  [a,b], let ce(a,b)then a < 6< b so C \ [a, b], thus (a, b) \ (a, b) \ (a, b) (a, b)= (A; is closed and contains (a,6) in particular [a,6] and thus (a,6) c [a,6]