

and k is a value between this internal of IVT doesn't always hold the IF K is outside of fast to Fab because flat and flat are lower and upper bands for which we know it is continus. I flow beare far and table logo Cover it, but a is rules beans it is co-enel In the diagram, K is invalid If f(X) is not continuous obthern f(a), f(b), then K may be on or "gap" section. from Kis on the gap, or where it is not continu 8. In f(x). Uses infinety small because me want to get as dose to C as he can, so he will go to X-76 Ct. 60000000 | and c-. 00000000 1. lin f(x) uses infinitely large became me are looking at X-> ±00 Big O notation, so he can exclar & lesses toms when looking Gt a function's behavior as it approaches

Okay vait this prof is Hard though obvious

7. f(x) is conting on a closed internal [a,b]