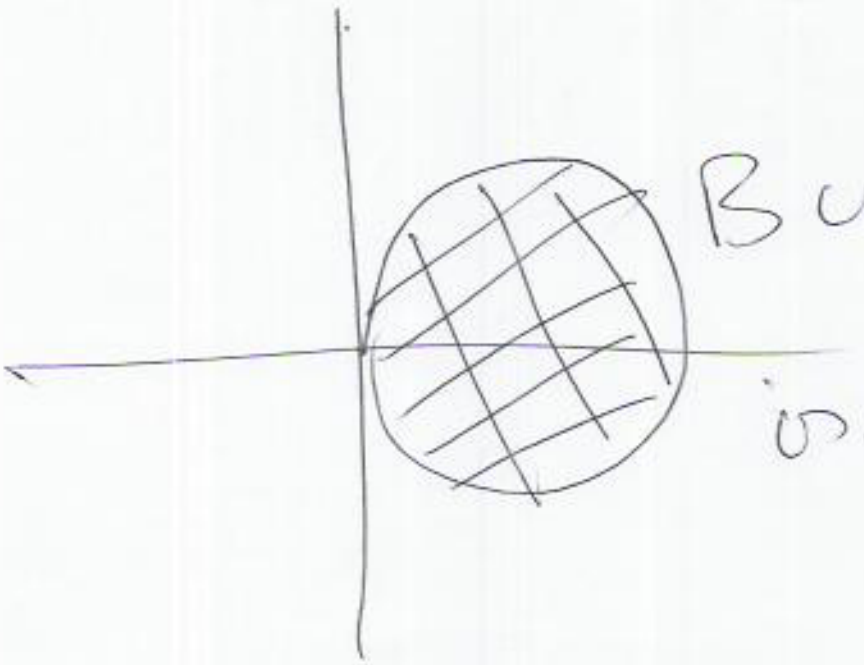

$B \cup \partial B$ is a region

ii) D closed & bounded hence compact.

$$f(z) = \frac{2e^z - z}{(1+\cos z)^3}$$

$1 + \cos z = 0 \Rightarrow z = \pi, 3\pi, -\pi$

but $\pi, 3\pi, -\pi, -3\pi \neq (2k+1)\pi$ are not in D.

$\frac{1}{(1+\cos z)^3}$ continuous on D

$2e^z - z$ continuous everywhere

quotient continuous.