January 30, 2019 6 is open and connected, and let is continuous 6>0 be such the chain rule yields (/52+ that q(s) = 0 for 0 = s = 1, which f(z) = g(1) = g(0) = f(a In other words, B(a, E)
A is open 50 Since A is open and closed, A= G

3 Going back to e= \( \frac{z}{n!} \square \text{real} \) |e2|= Re(2) cost, sin 2: sin Z = = cost + isin Z



