Sich 6/2 Lec 1 7.2 0 5 |1 5 0.25 /Ta 0.89175 < | H (j.sz) | < 1 0.35 /TL & St/Td | H Ciw| ≤ 0.17783 0.89125 0.177834 50/Ty N 0.25c/Td b) Bullerworth Frequency response is monotonic [H(10.250)]2 = 1+ (0.250)2N = (0.89125)2 |H((jo.3se)|2= 1+ (0.3se)2N=(0.17783)2 To get ScTd = 0.704, N = 5.88

N=Wile

Round N up to 6 yields: ReTd = 0.703