COSE 483-00 김성주 Homework 5 2010320256No. Date 1.0/100+1/50 = 1.33+j2 plot at A 11= 10A1 = 5,3572 = 0.656 r= 0.656 240° = 0.5 + j 0.42 b) VSWR at B = 4.9 90.23-jo.35 at C Y = 0.23-, 0.35 -0.003067-, 0.00467 d) A+ D it show 0.1945 Draw the from origin 0.0945 Z1=0.3+10.65 at E ZIn=(0.7+j0.65)×75=225+;48.75 e) at F 9in - 0.6- 1.3 Vin = (0.6 - j1.3) = 0.068- 30.0173

2. 26=10+510

 $\frac{(0+j)0}{50} = 0.2+j0.2$

plot at A

0.033 A B

0.9-0.033 = 0.467

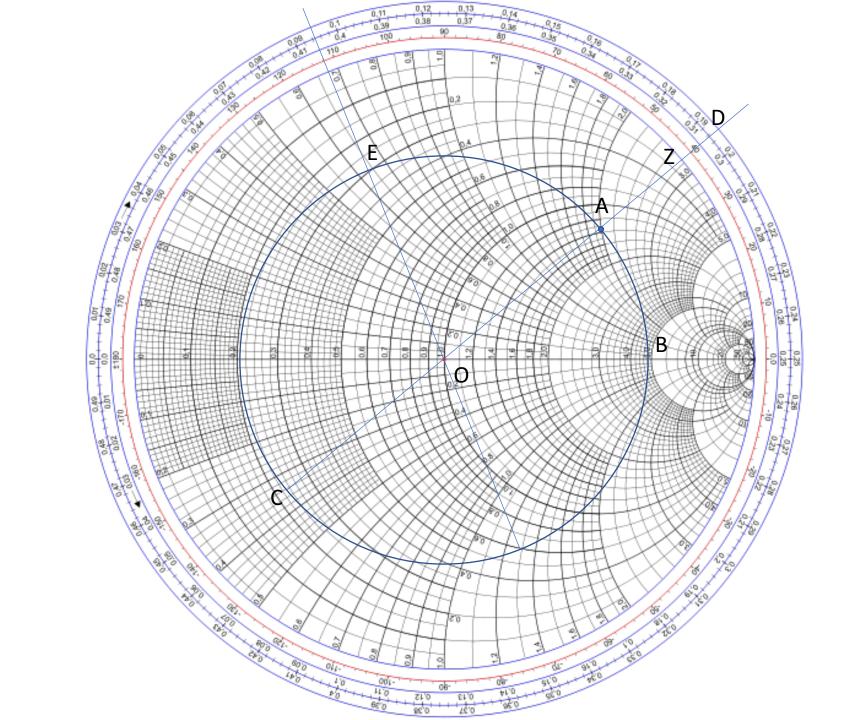
0.467-(0.725-0.5) = 0.242 yest at C

43 + 11-2 at D

ZL=(4.9+j1.2) × 50 = 240 + ; 60

Hw5 smith charts

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Problem 1

Problem 2 0