

Home Work #3

Problems	Hints/Answers
<p style="text-align: center;">Example 15.1, 15.2 Problem 15.1, 15.2, 15.22, 15.23, 15.38, 15.40, 15.50</p> <p style="text-align: center;">Due date: 11/09/2009</p>	<p>Problem 15.1 → Q – Point = $(20.7\mu A, 5.87V)$, Add = -273, Rid = 243 kΩ, Rod = 660kΩ, Acc = -0.604, Add = 227, Ric = 27.3 MΩ, 15.2 → Q - Pt : $(5.25\mu A, 1.68V)$, Add=-21, Acc=-0.636, single ended CMRR=16.5, Rid=4.72MΩ, Rod=50kΩ, 15.22 → Q - Point = $(24.2\mu A, 5.36V)$, Add=-45.9, Acc=-0.738, CMRR = 31.2, 15.23 → Q - pt : $(107\mu A, 10.1V)$, Add=-18.2, Acc=-0.487, CMRR = 18.7, 15.38 → Q – Point = $(52.6\mu A, 12.2V)$, Acc=-0.494, Add=-80.4, Rid=747kΩ, Ric=30MΩ, 15.50 → Q - points : $(98.8\mu A, 14.3V)$ $(98.8\mu A, 14.3V)$ $(300\mu A, 14.3V)$, R_C=15.1kΩ, Av1=-27.7, Av2=-19.9, Av=551, Rid=40.5 kΩ, Rout=49.0 kΩ, Ric=34.6 MΩ</p>