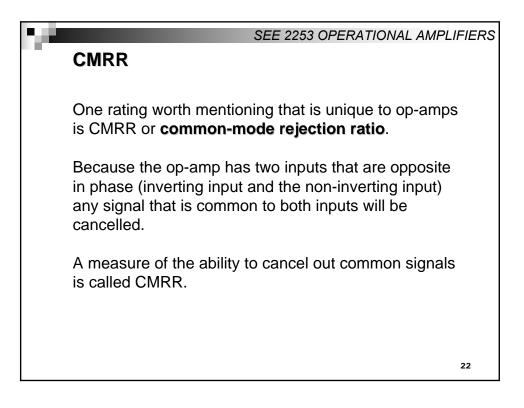
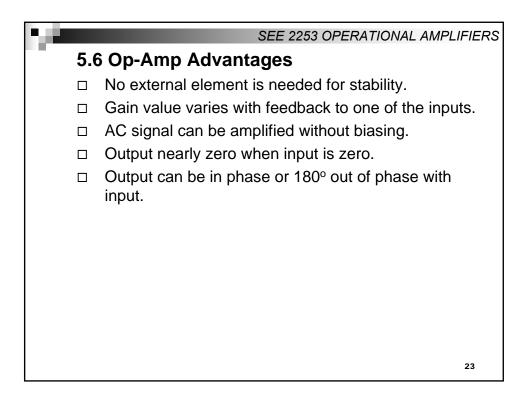
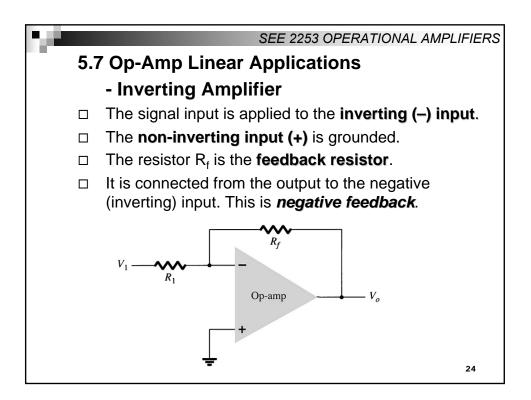
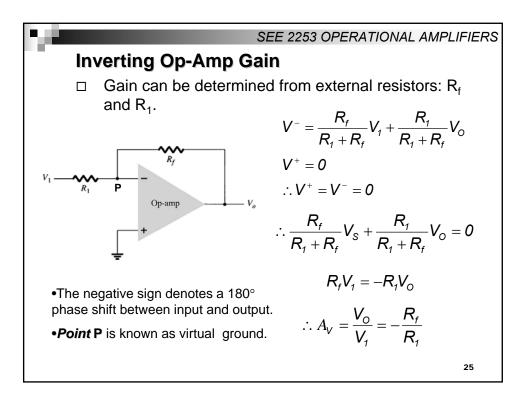


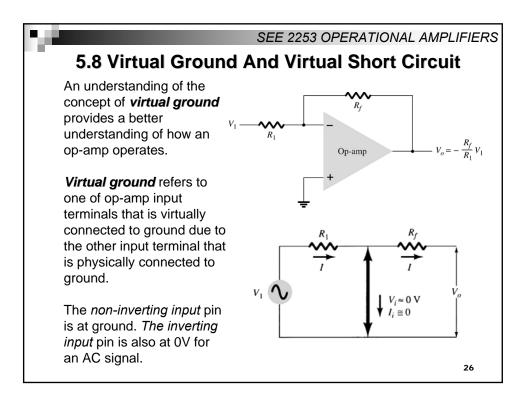
Characteristic	MIN	TYP	MAX	Unit
V_{10} Input offset voltage		1	6	mV
I_{10} Input offset current		20	200	nA
$I_{\rm IB}$ Input bias current		80	500	nA
$V_{\rm ICR}$ Common-mode input voltage range	±12	±13	200	v
$V_{\rm OM}$ Maximum peak output voltage swing	±12	±14		v
$A_{\rm VD}$ Large-signal differential voltage amplification	20	200		V/mV
r _i Input resistance	0.3	2		MΩ
r _a Output resistance		75		Ω
C _i Input capacitance		1.4		pF
CMRR Common-mode rejection ratio	70	90		dB
I _{cc} Supply current		1.7	2.8	mA
P_D Total power dissipation		50	85	mW

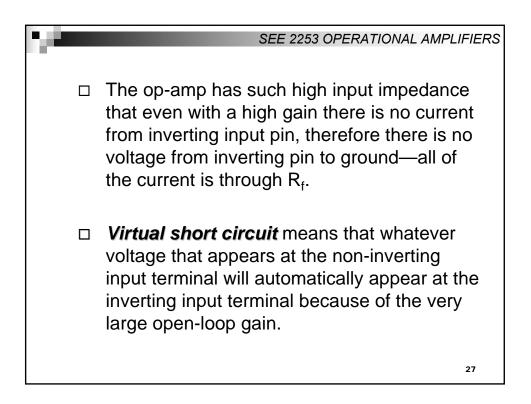


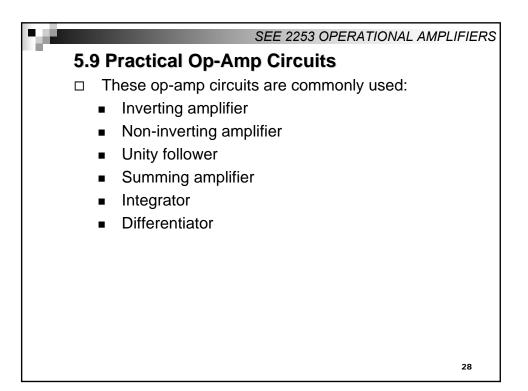


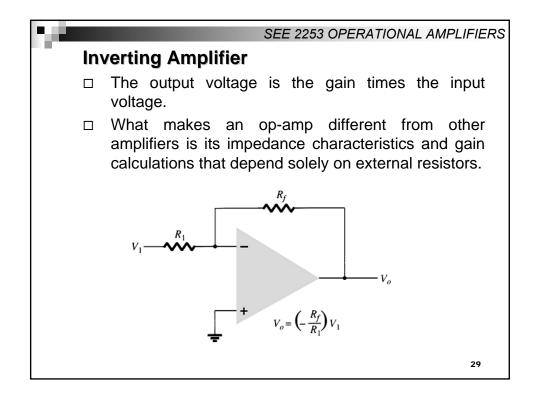


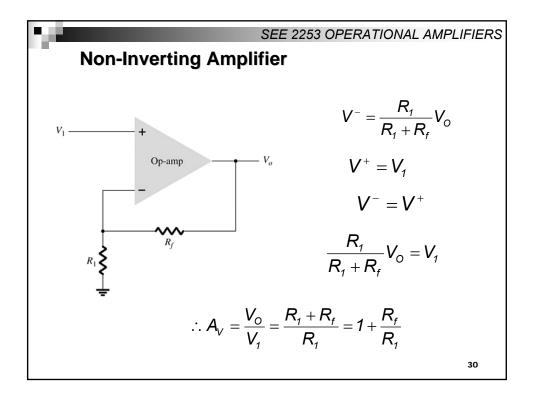


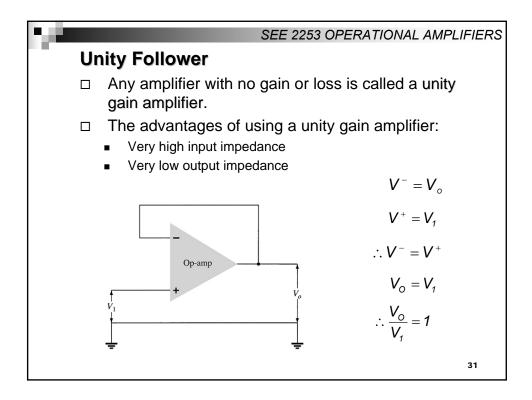


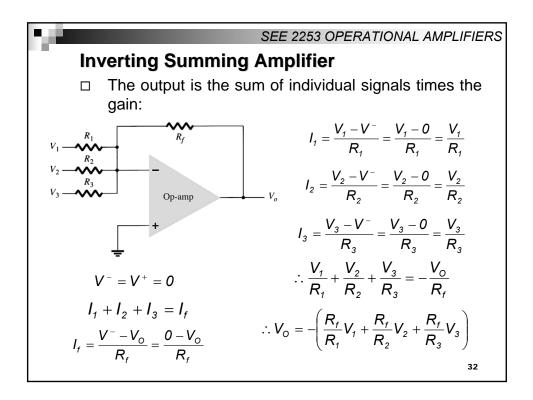












If $R_1 = R_2 = R_3 = R_f$ $V_0 = -(V_1 + V_2 + V_3)$ For N numbers of input: $V_0 = -\left(\frac{R_f}{R_1}V_1 + \frac{R_f}{R_2}V_2 + \frac{R_f}{R_3}V_3 + \dots + \frac{R_f}{R_N}V_N\right)$ And if $R_1 = R_2 = R_3 = R_f = \dots = R_N$ $V_0 = -(V_1 + V_2 + V_3 + \dots + V_N)$

