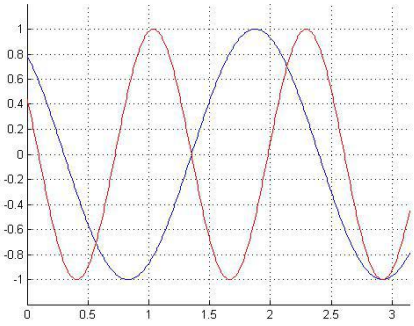
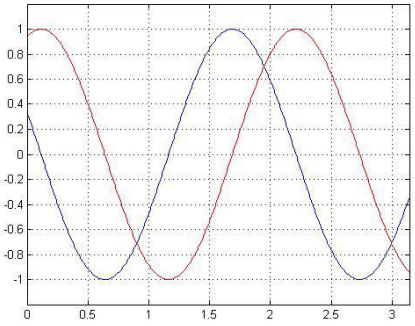
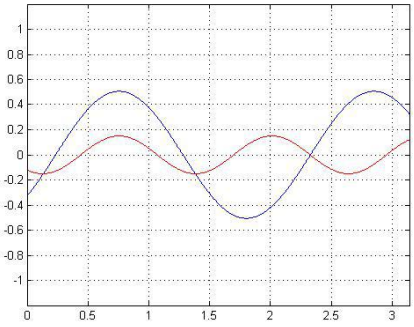
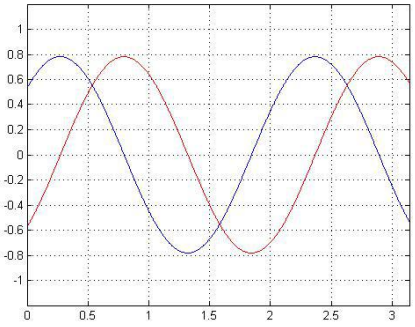
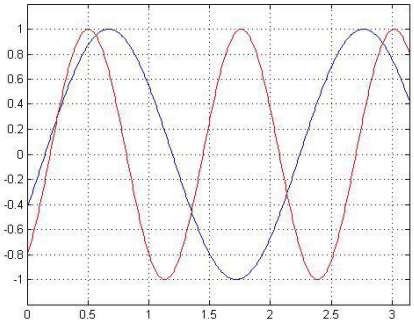
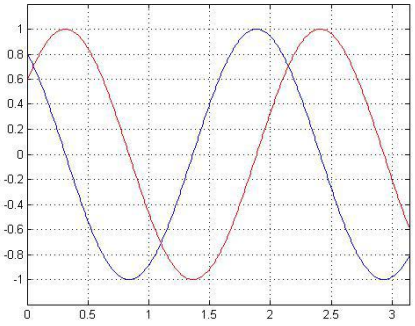
Problem 1 Observations

	Dispersive	Dissipative
L1	 Not Dispersive	 Not Dissipative
L2	 Not Dispersive	 Dissipative (MAX<1)
L3	 Dispersive	 Not Dissipative