

Example 13.13

Result

T/K	Ka	Kb	e_a	e_b
1000.	1.758	2.561	-0.0506	0.5336
1100.	11.405	11.219	0.121	0.7124
1200.	53.155	38.609	0.3168	0.8551
1300.	194.79	110.064	0.4302	0.9357
1400.	583.343	268.764	0.4738	0.9713
1500.	1514.118	583.577	0.4895	0.9863

T/K	y_H2	y_CO	y_H2O	y_CO2	y_N2
1000.	0.138	0.112	0.121	0.143	0.487
1100.	0.169	0.227	0.068	0.09	0.446
1200.	0.188	0.327	0.032	0.04	0.413
1300.	0.197	0.378	0.014	0.015	0.396
1400.	0.201	0.398	0.006	0.005	0.39
1500.	0.203	0.405	0.003	0.002	0.387

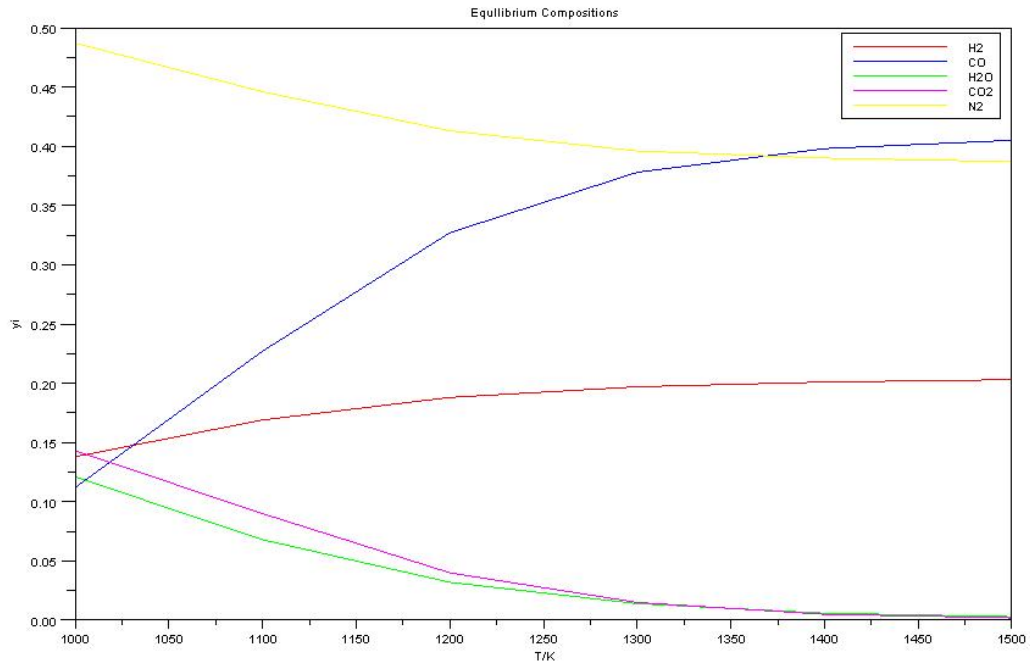


Figure 13.13 Composition Temperature Graph