

Example 13.3

Result

i	v_A	v_B	y(Before substitution)	y_species	
! CH4	-1	-1	$(m_{\text{CH4}}+v_{e1}+v_{e2})/(m_t+v_{e1}+v_{e2})$	$(2-e_1-e_2)/(5+2e_1+2e_2)$!
! H2O	-1	-2	$(m_{\text{H2O}}+v_{e1}+v_{e2})/(m_t+v_{e1}+v_{e2})$	$(3-e_1-2e_2)/(5+2e_1+3e_2)$!
! CO	1	0	$(v_{e1})/(m_t+v_{e1}+v_{e2})$	$e_1/(5+2e_1+2e_2)$!
! CO2	0	1	$(v_{e2})/(m_t+v_{e1}+v_{e2})$	$e_2/(5+2e_1+2e_2)$!
! H2	3	4	$(v_{e1}+v_{e2})/(m_t+v_{e1}+v_{e2})$	$(3e_1+4e_2)/(5+2e_1+2e_2)$!
! sum	2	2			!