

1. menu bar

2. tabs

3. sub-tabs

4. data visualization area

5. command window

6. dialog box

7. lamp

8. data visualization area

9. tree

File Help

Setup

Parameters

Mixture composition

Custom Figures

Results

phi

0.5

Reactants

Products

Species	N° moles	Mole fraction	Species	N° moles	Mole fraction
N2	18.8095	0.7582	N2	1.8777e+01	7.7233e-01
O2	5.0000	0.2015	O2	2.4657e+00	1.0142e-01
C2H2_acetylene	1.0000	0.0403	CO2	1.9990e+00	8.2220e-02
			H2O	9.9539e-01	4.0941e-02
			NO	6.4191e-02	2.6402e-03
			OH	8.9240e-03	3.6705e-04
			CO	1.0109e-03	4.1579e-05
			O	7.5408e-04	3.1016e-05
			H2	1.3509e-04	5.5563e-06
			NO2	1.1847e-04	4.8726e-06
			H	1.6873e-05	6.9398e-07
			HO2	9.6753e-06	3.9795e-07
			N2O	3.6756e-06	1.5118e-07
			H2O2	2.5896e-07	1.0651e-08
			HNO	4.9075e-08	2.0185e-09

▼ Results

▼ Problem Type:HP

▼ Reactants:Acetylene + Air

▼ List Products:Soot formation Extended

Case 1

Case 2

Case 3

Case 4

Case 5

Solving HP problem... Done! check tab "Results"

Elapsed time is 1.04726 seconds

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