1. menu bar 3. sub-tabs 8. data visualization area

File Help

Setup | Results

2. tabs

Parameters | Mixture composition | Custom Figures

phi: 0.5

Reactants

Species	Nº moles	Mole fraction
N2	18.8095	0.7582
O2	5.0000	0.2015
C2H2_acetylene	1.0000	0.0403

Products

Species	Nº moles	Mole fraction
N2	1.8777e+01	7.7233e-01
O2	2.4657e+00	1.0142e-01
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	4.8727e-06
H	1.6873e-05	6.9399e-07
HO2	9.6753e-06	3.9795e-07
N2O	3.6756e-06	1.5118e-07
H2O2	2.5896e-07	1.0651e-08
HNO	4.9076e-08	2.0185e-09

9. tree

- 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 0.473101 seconds

6. dialog box

>>

5. command window

7. lamp

(a)

1. menu bar 3. sub-tabs 8. data visualization area

File Help

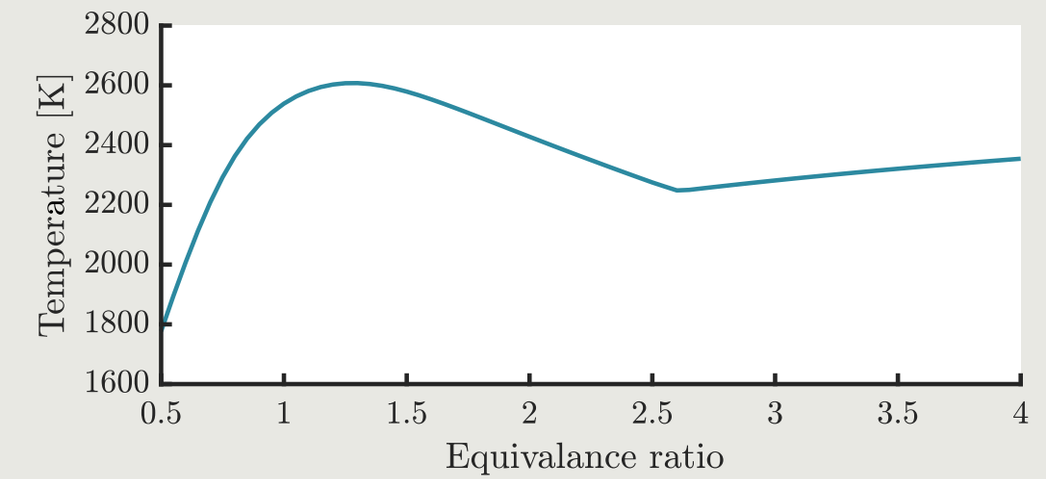
Setup | Results

2. tabs

Parameters | Mixture composition | Custom Figures

- Mixtures
  - strR_Fuel
  - strR_Oxidizer
  - strR
  - strP
- mi
- p
- phase
- phi
- rho
- S0
- T
- W
- Xi
- Yi

Settings | Default settings | Maximize | Plot | Clear



9. tree

- 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 0.473101 seconds

6. dialog box

>>

5. command window

7. lamp

(b)