3rd point results [Speed=2500rpm/Bmep=4bar/Pin=1.9bar/Tin=347K]

My hypotheses for the first point are presented in the following table:

Guess values		
f (res. Gas)	0.05	-
lambda	2.542	-
R(1)	282.9	J/(kg*K)
P(1)/Pin	0.932	-
T(1)	476	К
P(IVC)/Pin	1.2365	-
T(IVC)	397.235	К

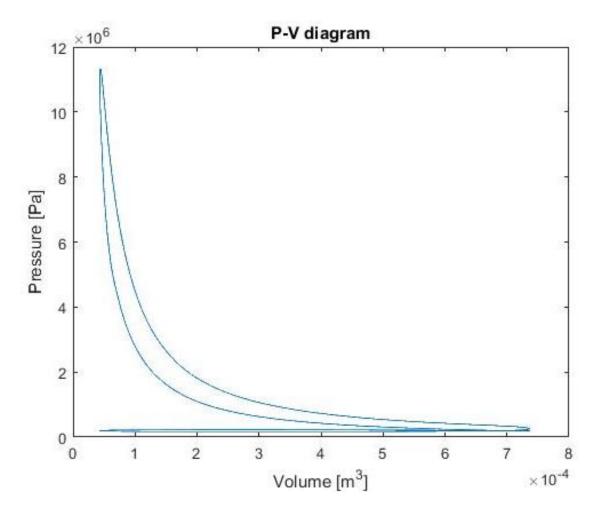
The convergences of the original hypotheses are presented below in the four convergence criteria:

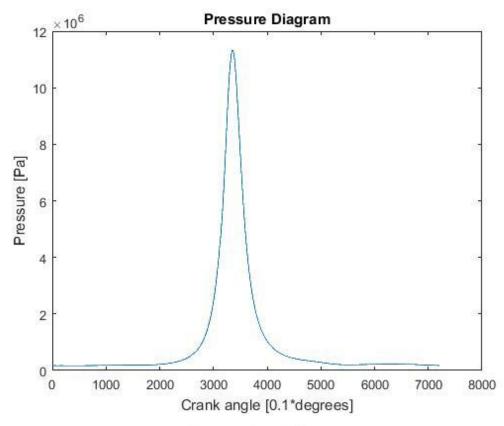
- error1 = 3.51 Pascal
- error2 = -0.03 K
- error3 = -0.258 J/(kg*K)
- error4 = -0.00066 bar

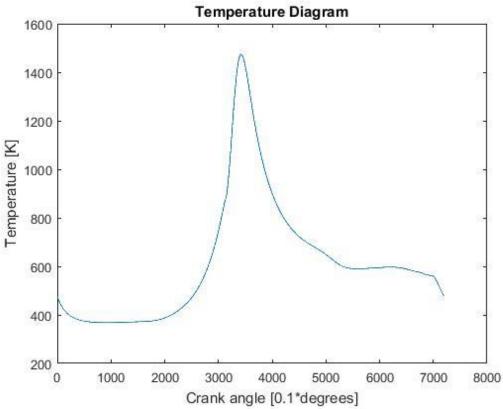
The results are presented below:

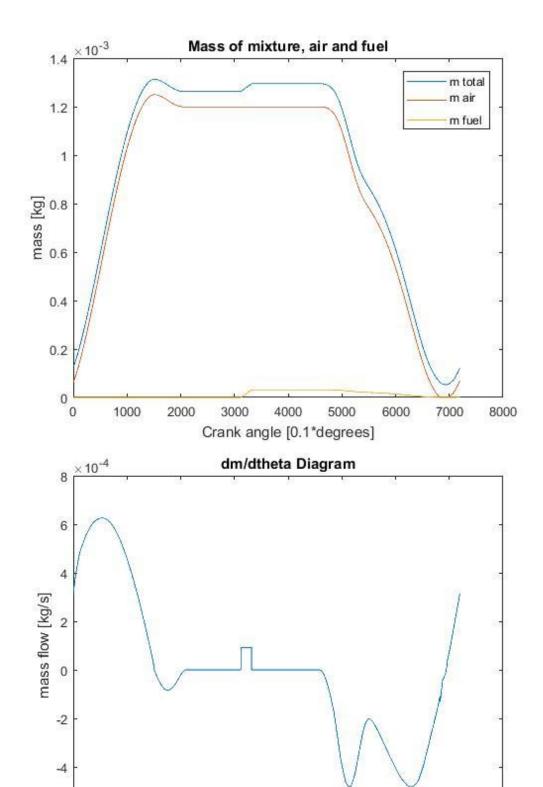
Results		
$d arphi_{ZV}$	15	degrees
η	26.8636%	-
ev	0.9073	-
bsfc	308.78	Gr/kWh
Р	43.03	hp
imep	5.4	bar

Also, the following diagrams are presented:









-6 L

Crank angle [0.1*degrees]

