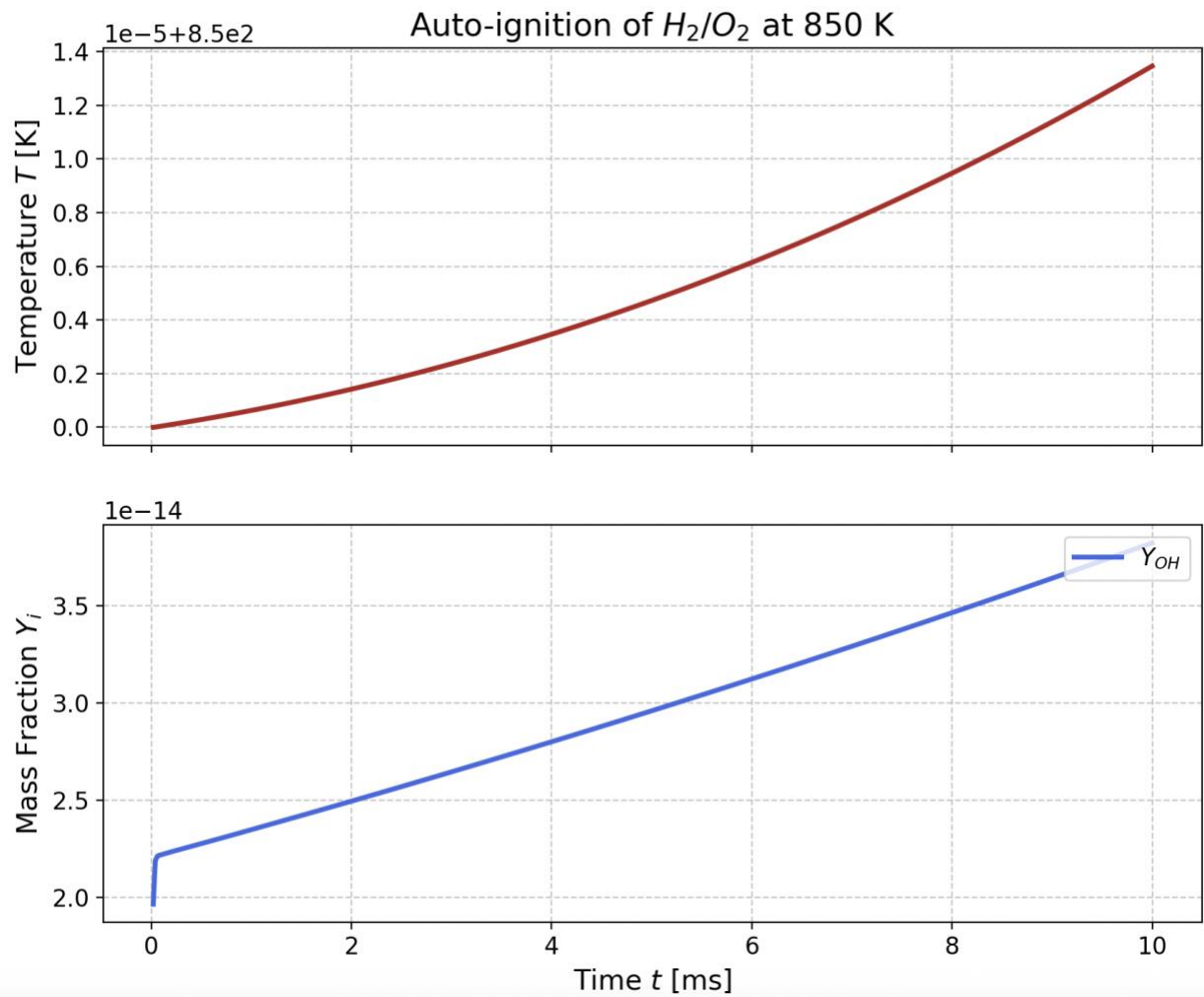
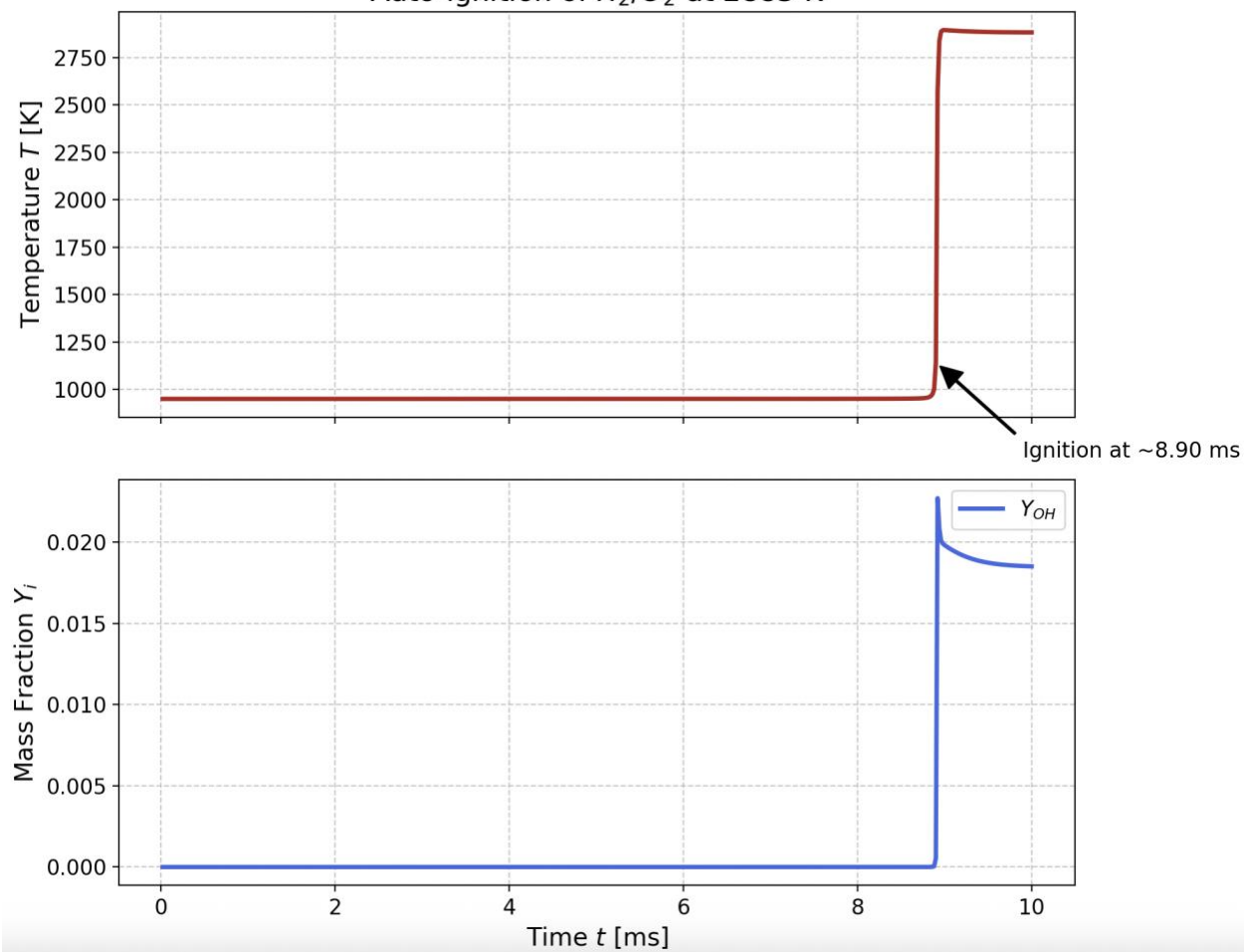
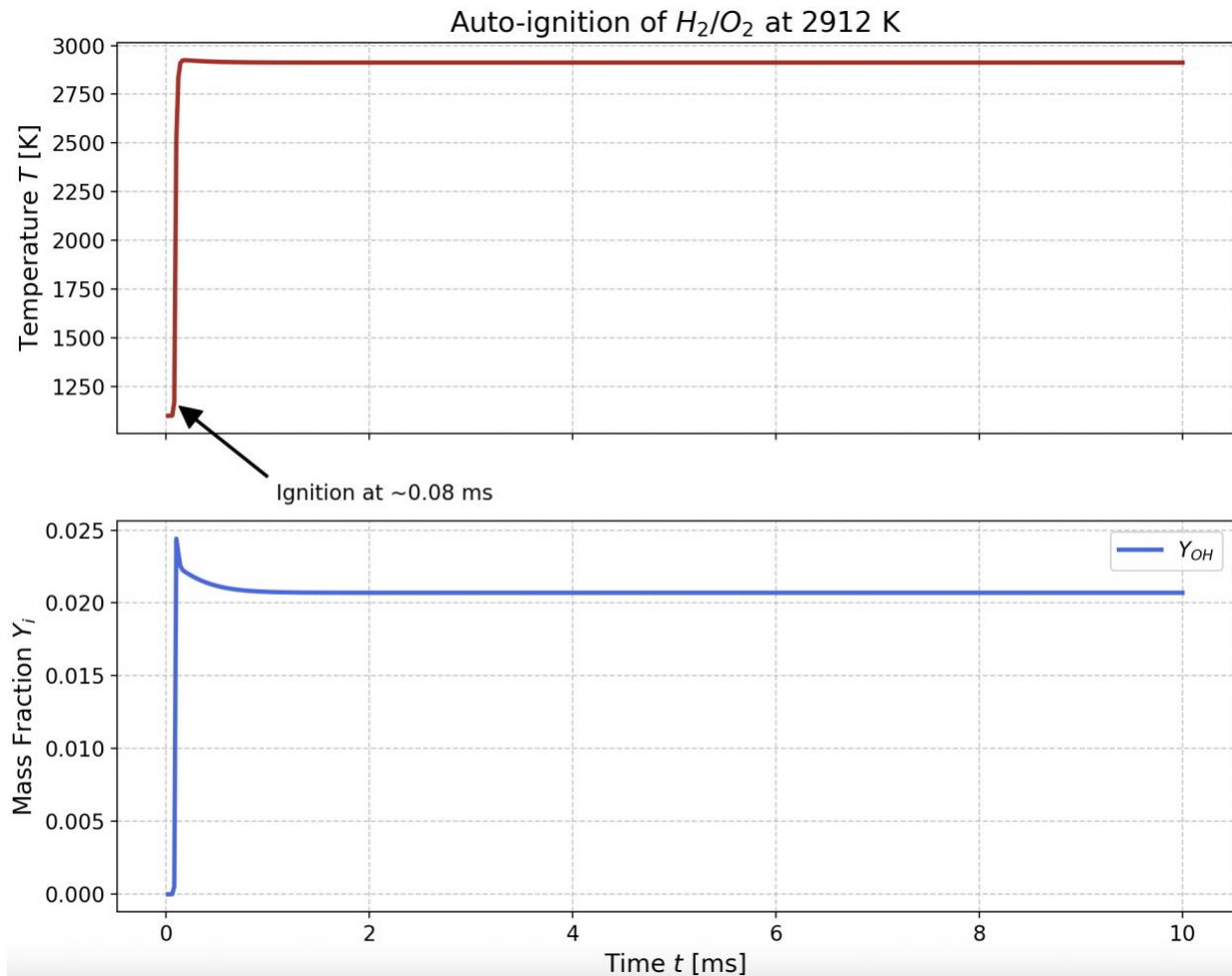


Προσομοίωση της αλυσωτής αντίδρασης καύσης
 $2\text{H}_2 + \text{O}_2 \rightarrow 2\text{H}_2\text{O}$



Auto-ignition of H_2/O_2 at 2883 K





Κυρίαρχες αντιδράσεις στη στιγμή της έκρηξης ($t = 0.080$ ms):

Reaction	Net ROP [kmol/m ³ /s]
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$H_2 + OH \rightleftharpoons H + H_2O$	$4.5521e+01$
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$H + O_2 \rightleftharpoons O + OH$	$2.0199e+01$
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$H_2 + O \rightleftharpoons H + OH$	$1.6965e+01$
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$H + HO_2 \rightleftharpoons 2 OH$	$5.3683e+00$
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$H + O_2 + N_2 \rightleftharpoons HO_2 + N_2$	$3.5240e+00$
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$H + O_2 + M \rightleftharpoons HO_2 + M$	$2.8574e+00$
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$H + HO_2 \rightleftharpoons H_2 + O_2$	$2.3760e+00$
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$H + O_2 + H_2O \rightleftharpoons HO_2 + H_2O$	$1.2519e+00$
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$H + O_2 + O_2 \rightleftharpoons HO_2 + O_2$	$7.0618e-01$
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$H + HO_2 \rightleftharpoons H_2O + O$	$2.4981e-01$
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