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A multi-featured model for estimation of thermodynamic properties, adiabatic flame temperature and equilibrium combustion products of fuels, fuel blends, surrogates and fuel additives



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Suitable for multi-component fuels, fuel blends, surrogates and additives
Suitable for steam/water injection, argon dilution, EGR, reheat combustors
Precise estimation of flame temperature, thermodynamic properties and product species
Provides key data for non-equilibrium emissions and engine performance calculations
Programmable with MATLAB for parametric simulations and engineering optimizations

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