

Erratum: “Optimization of Reduced Kinetic Models for Reactive Flow Simulations” [ASME Journal of Engineering for Gas Turbines and Power, 2013, 136(1), p. 011503 DOI: [10.1115/1.4025265](https://doi.org/10.1115/1.4025265)]

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Reaction (1) should read as “ $\text{C}_2\text{H}_4 + 3\text{O}_2 \rightarrow 2\text{CO}_2 + 2\text{H}_2\text{O}$.” The associated α and β are 1 and 3 (not 1 and 2 as given in the text on p. 3). The rate parameters 3.9000×10^{25} , 0.25532, and 42,168 given in Fig. 3 are correct and correspond to $\alpha = 1$ and $\beta = 3$.