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Corrigendum

Corrigendum to "A study of steam methanol reforming in a microreactor" [J. Power Sources 173 (2007) 458–466]

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A corrigendum has been requested by the authors of this paper due to the following errors:

(1) Thermal conductivity of the catalyst is changed from 20 W mK^{-1} to 0.3 W mK^{-1}. In Table 1, the value of the thermal conductivity of the catalyst is changed from 20 W mK^{-1} (Touloukian [22]) to 0.3 W mK^{-1} (Karim [10]). As noted on p. 464 of the paper there was little variation of the gas temperature. Calculations have also been made at the value of the thermal conductivity of 0.3 W mK^{-1} and again yielded little variation of the gas temperature and thus a negligible change in the results.

(2) Numerical results for the concentration of CO based on mass fraction are replaced by those based on mole fraction. All of the words "mass" are changed to the word "mole" between the 10th line on the left column and the 4th line on the right column of page 464 as well as on the caption of Figure 8 of page 465. Equation (28) is replaced by $\bar{x}_{CO} = \bar{k}_D^m L_b/U \times 10^6 \bar{m}_{CO}$ (1st line on the right column of page 464) is also changed to $\bar{x}_{CO}$. This results in a change in C_D from 3.5 to 5.5. The resulting change in the results for CO (ppm) in Fig. 8 is very small.

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