

ADDITIONS AND CORRECTIONS

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Reaction Mechanism and Microkinetic Model for the Binary Catalyst Combination of In/ZSM-5 and Pt/Al₂O₃ for NO_x Reduction by Methane under Lean Conditions.

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The captions for Figures 6 (page 2719), 7 (page 2721), and 8 (page 2722) in the previously published version of this paper are incorrect. The figures, with their correct captions, should appear as follows:

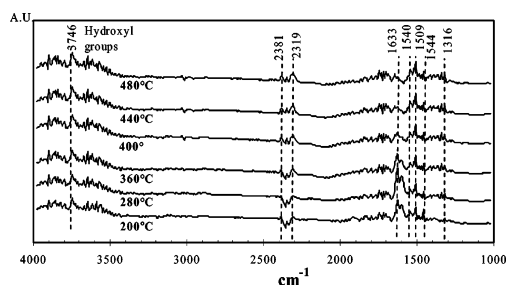


Figure 6. Difference spectra NO-CH₄-O₂-He minus CH₄-O₂-He on In/ZSM-5 + Pt/Al₂O₃ (19:1) in flowing gas at 200–480 °C.

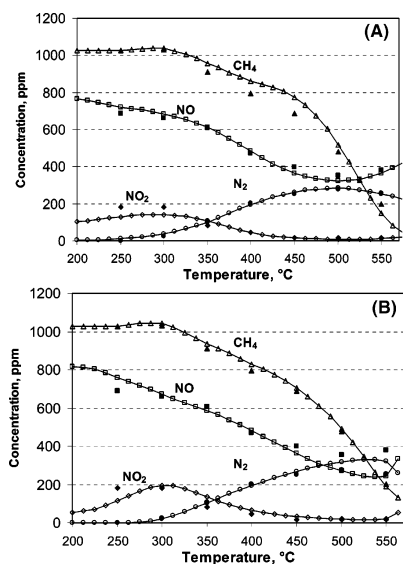


Figure 7. Measured (filled points) and simulated (lines) gas-phase compositions in In/ZSM-5 reactor outlet, as a function of temperature by (A) NRO and (B) NH₂ mechanisms (1000 ppm NO, 1000 ppm CH₄, 10% O₂, $F/W = 60 \text{ dm}^3 \text{ h}^{-1} \text{ g}^{-1}$). Panel A shows the NRO mechanism (the experimental data set explained by the model at the R^2 value of 96%), and panel B shows the NH₂ mechanism (the experimental data set explained by the model with an R^2 value of 99%).

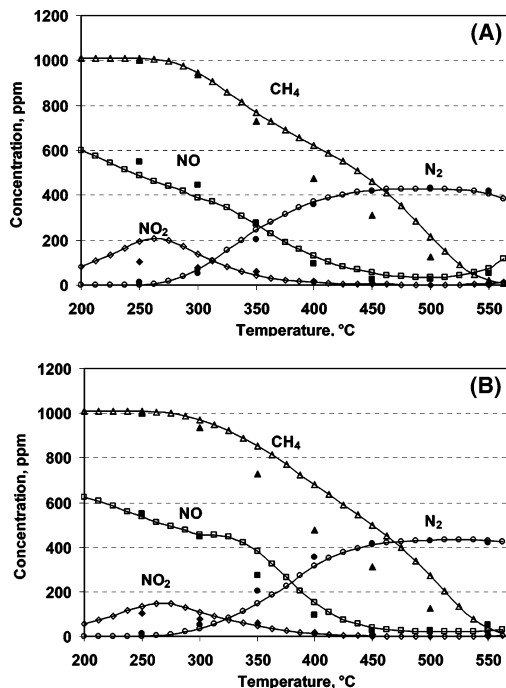
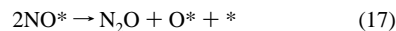


Figure 8. Measured (filled points) and simulated (lines) gas-phase compositions in In/ZSM-5 + Pt/Al₂O₃ (19:1) reactor outlet, as a function of temperature, by (A) one (NH₂ mechanism, parameters modified by data of In/ZSM-5 + Pt/Al₂O₃) and (B) two active sites (NH₂ on In and NO decomposition mechanisms on Pt sites) (1000 ppm NO, 1000 ppm CH₄, 10% O₂, $F/W = 60 \text{ dm}^3 \text{ h}^{-1} \text{ g}^{-1}$).

Page 2720. Equation 17 is missing a reaction arrow. It should appear as follows:



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