Summary of

„Copper and nickel catalysts for reduction of nitrogen oxides and methane."

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The results of studies on physico-chemical and NiO and metallic Ni deposited on copper samples were presented.
The objective of the work was to find efficient catalysts for reducing nitrogen oxides with ammonia (NH₃-SCR) and carbon dioxide (DRM).

Catalytic reduction of nitrogen oxides over catalysts containing the active phase CuO and NiO with CuO loading was 2, 4 and 10 wt. % of CuO. Reforming of methane with carbon dioxide using copper and 10 wt. % of metallic Ni, deposited on the surface of the metal matrix was examined.

The catalyst samples were analyzed...