

MORPHOLOGY AND STRUCTURE OF THE  $\text{Cu}^0/\text{CuO-ZnO-Al}_2\text{O}_3$  SYSTEM  
I. COMPOSITION AND TEXTURE OF THE SYSTEM

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**Abstract:** *Various variants of the  $\text{Cu}^0/\text{CuO-ZnO-Al}_2\text{O}_3$  system were studied, where, apart from the standard composition, were realized samples with a contents in  $\text{SiO}_2$  and  $\text{Fe}_2\text{O}_3$ . The textural properties of the system were determined. The specific surface area, the average pores radius, the void fraction, the pores volume, the true volume and the apparent density for the industrial charges, present values which anticipate a good catalytic activity of the system.*

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