

**MORPHOLOGY AND STRUCTURE OF THE $\text{Cu}^0/\text{CuO-ZnO-Al}_2\text{O}_3$ SYSTEM
III. ROLE HELD BY THE THERMAL TREATMENT IN MODELLING
THE CRYSTALLINE STRUCTURE AND THE PHASE
COMPOSITION OF THE SYSTEM**

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Abstract: *The role held by the thermal treatment in modelling the structure and the phase composition of the $\text{Cu}^0/\text{CuO-ZnO-Al}_2\text{O}_3$ system was studied. After thermally treating the system at temperatures going from 673 K to 973 K, a continuous increase of the crystallinity degree of the copper and zinc oxides is noticed, while precisely at 973 K, the phase ZnAl_2O_4 is constituted.*

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