

**THERMAL CONDUCTIVITY OF SOME OXIDE SYSTEMS
I. METHANATION CATALYST**

Petre ROTARU

**Department of Physics II, University of Craiova, A. I. Cuza Street 13,
Craiova-200585, ROMANIA, phone and fax +40 251 41 50 77,
e-mail protaru@central.ucv.ro**

Abstract: *Using a calibrated device for measuring the solid state bodies' thermal conductivity, the coefficients of thermal conductivity were determined for the cases of an granulated industrial methanation catalyst, of an alumina tabletted support and of an impregnated methanation catalyst. The obtained values are in accordance with the material's composition and with its presentation form. The coefficient of thermal conductivity for the granulated catalyst is higher than the one of the tabletted kind, due to the random contacts and to the spaces existing between the tablets.*

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