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ASSESSMENT OF INTER-SECTORAL ENTERPRISES COOPERATION OF METALLURGICAL COMPLEX IN UKRAINE

The aim of the article is to analyze the economic relations between the national economy three branches: metallurgy, construction and engineering based on the construction interbranch balances methods.

Chain and basic price indices for products and indices of industries' production volumes changes of «Metallurgy and metalworking», «Mechanical Engineering», «Construction» have been calculated.

Intermediate consumption and production output industries' «Metallurgy and metalworking», «Mechanical Engineering», «Construction» have been calculated for 2008-2012. In addition, these industries direct costs coefficients have been evaluated. It made possible to conclude the reduction of inter- mediate consumption industries' volume of metallurgy and metalworking, mechanical engineering and construction products in the period 2009-2011, which has largely been due to the investments restriction in this industry caused by the global financial crisis.

Also relatively small contribution products industry «Metallurgy and metalworking» have been proved in the total machine-building industry output mathematically, due to the low volume metallurgical products application in domestic engineering. In this period, decrease of metallurgical products in construction consumption volumes have been observed that is caused by as the change in the construction projects structure, as the other components share price increase in the construction production.

The Hawkins-Simon's criteria calculation has been done upon which the ability of industries «Metallurgy and metalworking», «Mechanical Engineering», «Construction» to satisfy domestic demand for the industry has been proved.