

UDC 621.436

Tkach M.R., Tymoshevskyy B.G., Thu B.A. Increase of accuracy in measurement of indicated pressure in the cylinder ICE by method of direct Fouriertransformation

// Internal combustion engines. – 2005.

– 2. – P. 23-25.

The method of a synthesis and the analysis of experimental data results of measurement of an indicated pressure pressure by direct Fourier-transformation are considered. For definition the influence of frequency's of indications on a lapse of measurement results of a synthesis of an indicator diagram are used. It is shown, that satisfactory convergence of results is attained at a step of calculations 10 angles of turn of the crankshaft, and number of taken into account harmonics - no more than 10. II. 4. Bibliogr. 3 names.