

CONSIDERATION OF ACTIVE FORCES AT INTERNAL-COMBUSTION ENGINE ANALYSIS IN MSC.ADAMS ENVIRONMENT

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The dynamic analysis of internal-combustion engine in MSC.ADAMS environment requires calculation of piston applied gas pressure forces versus piston motion ratio. The analysis of indicator diagram is performed with KDAM code application depending upon piston diameter, compression ratio, pressure gain, advance angle. The dynamic analyses have been performed for in-line, V-type and opposed internal-combustion engines.

Dynamic research, internal combustion engine, the display diagram

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