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2. – P.8-13.

Solution method for optimization problem for regulation parameters which determine combustion process of gas engine is proposed. Quality criteria for most complete description of engine parameters on a certain modes are proposed.

Algorithm for choosing Pareto points for threedimensional space has been specified. Field of optimal values of combustion process parameters and characteristic maps for light-duty gas engine 4CH7,5/7,35 with high-energy ignition system has been obtained. Table. 1. Il. 7. Bibliogr. 9 names.