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Optimal control of thermodynamic processes. I. (English. Russian original) Zbl 0518.93031
Autom. Remote Control 44, 55-62 (1983); translation from *Avtom. Telemekh.* 1983, No. 1, 70-79 (1983).

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MSC:

- 93C15 Control/observation systems governed by ordinary differential equations
- 49M37 Numerical methods based on nonlinear programming
- 80A99 Thermodynamics and heat transfer
- 49J15 Existence theories for optimal control problems involving ordinary differential equations
- 90C30 Nonlinear programming
- 49K15 Optimality conditions for problems involving ordinary differential equations
- 93C10 Nonlinear systems in control theory

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Keywords:

[irreversible processes with fixed time and finite power; controlled thermodynamic processes](#)