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Thermodynamic and themoeconomic optimization of isothermal endoreversible chemical engine models

A. Ocampo-García, M.A. Barranco-Jiménez, F. Angulo-Brown

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***Highlights (for review)**

Highlights:

1.- A thermoeconomical analysis of some isothermal chemical engine models is made.

2.- In the thermoeconomical analysis, three different regimes of performance are used: Maximum power output; maximum ecological function and maximum efficient power.

3.-The efficient power and the profit function are redefined for chemical engines.