



Optimization of system for thermal treatment of chlorine water

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ABSTRACT

In the design and operation of energy intensive systems the problem of improving the efficiency is very important. The main way for solving this problem is optimization. This paper describes the general approach for thermoeconomical optimization systems with a linear structure. The suggested method is based on building and analysis of special graphs of thermoeconomical expenditure. The method is illustrated by an example system optimization for thermal treatment of chlorine water.

Keywords: Optimization; Linear systems; Graphs; Thermoeconomic; Chlorine water
