
ABSTRACTS

*doi:10.22306/asim.v6i3.57**Received: 09 Jun. 2020**Revised: 29 Jun. 2020**Accepted: 15 Jul. 2020***USE OF COMPUTER SIMULATION FOR OPTIMIZATION OF ENERGY CONSUMPTION IN THE MANUFACTURING PROCESS**

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Abstract: This article provides information on using computer simulation to optimise energy consumption in manufacturing. Simulation of energy consumption in operation is always performed to analyse large amounts of data. Results of computer simulation offer the possibility to analyse different scenarios of production or use of machines. Each of the variants brings different scenarios to optimise energy use in order to reduce costs and improve the operation. The article also describes the sequence of steps that a user can take to create a quality simulation model. At the same time, there are graphical examples of energy consumption measurements made during simulation runs.
