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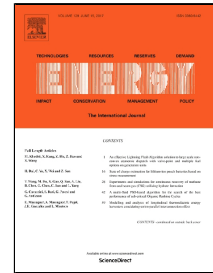
Energy Consumption in Machining: Classification, Prediction, and Reduction Strategy

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Highlights

- Energy consumption is classified at the process, machine, and system levels.
- The concept of net cutting energy is established.
- Empirical and analytical models of energy consumption are critically analyzed.
- The strategies for reducing energy consumption are recommended.

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