

The methodology proposed has two parameters that control the number of false alarms raised and the opportunities missed: Studying ways of dynamically setting these parameters can be an interesting topic of future research. The proposed fault detection is expected to reduce equipment downtime caused by major maintenance and prolong the equipment life by locating the faults in early stages before they can cause any major damage to the system. In addition, this scheme can be further combined with a classification method which, using only the data marked as a fault, could determine the type of the fault.

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