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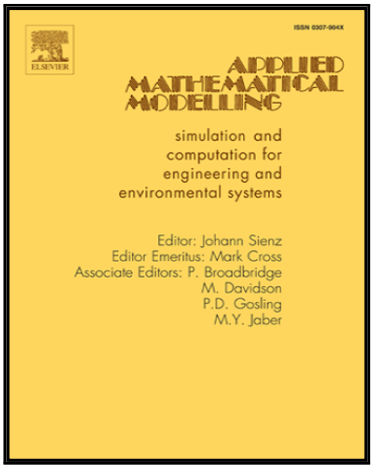

Optimization of a Fully Adaptive Quality and Maintenance Model in the presence of Multiple Location and Scale Quality Shifts

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Highlights

- Integrated statistical process control and maintenance scheme
- Multiple quality shifts affecting mean and dispersion of the process
- Failures may occur any time within a production cycle
- Imperfect preventive maintenance
- Operation of the scheme is modeled by means of a Discrete Time Markov Chain.

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