



Using Bayesian networks for decision in the simultaneous faults case

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Auteur	Verron, Sylvain [1], Weber, Philippe [2], Theilliol, Didier [3], Tiplica, Téodor [4], Kobi, Abdessamad [5], Aubrun, Christophe [6]
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Résumé en anglais	The purpose of this article is to present a new method for process diagnosis with Bayesian network. The interest of this method is to propose a new structure of Bayesian network allowing to diagnose a system with the model-based framework or with the data-driven framework. A particular interest of the proposed approach is the use of continuous nodes in the network in order to evaluate the status of the process. The effectiveness and performances of the method are illustrated on a heating water process corrupted by various faults.
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Liens

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- [2] [http://okina.univ-angers.fr/publications?f\[author\]=2347](http://okina.univ-angers.fr/publications?f[author]=2347)
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=2348](http://okina.univ-angers.fr/publications?f[author]=2348)
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