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Business Process Variability

Groefsema, Heerko

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Stellingen

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Business Process Variability, A Study into Process Management and Verification

van

Heerko Groefsema

1. Declarative business process variability is an extension of preventative business process compliance.
2. Business process variability by declarative under-specification is more powerful than variability by imperative over-specification.
3. Well-known temporal logics are a suitable abstraction to specify required business process model behavior.
4. Extended or new logics are unnecessary for the verification of control flow compliance of business process models.
5. Global next information is irrelevant for the verification of business process models which are defined with local next relations.
6. Parallel and local next information of business process models must be captured by verification.
7. (Colored) Petri nets and workflow patterns offer a suitable intermediate modeling and implementation independent format for verification.
8. "Controlling complexity is the essence of computer programming."

– Brian Kernighan

9. "Science is supposed to be cumulative, not almost endless duplication of the same kind of things."

– Richard Hamming