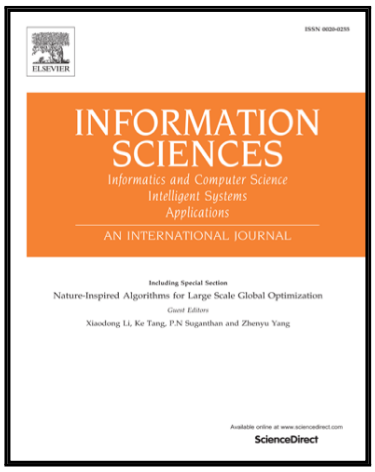

Constraint Programming Heuristics for Configuring Optimal Products in Multi Product Lines

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Highlights

- Three search heuristics to configure extended Multi-Product Lines (MPLs) are proposed.
- MPLs interrelate large scale variability models representing non-functional properties.
- These heuristics were implemented in a constraint programming solver to configure products.
- Configuring optimal products regarding multi-objective criteria is automated for MPLs.
- These strategies improve the configuration performance as models and constraints scale.