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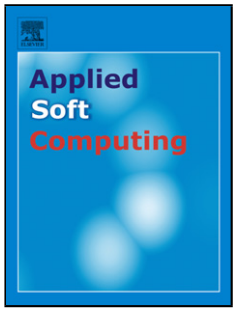

Title: Bit-Wise Pseudo-Bayes Genetic Algorithms to Model Data Distributions

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Highlights

- The work proposed a bit-wise approach to define the partition of Bayesian networks.
- An approach for the construction of Bayesian networks is proposed.
- The contruction approach is based on gentic algorithms, random keys and chain structures.
- The proposed method models the proability distribution of data through sampling.
- The method is suitable for robust optimization, risk estimation, and stochastic optimization.

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