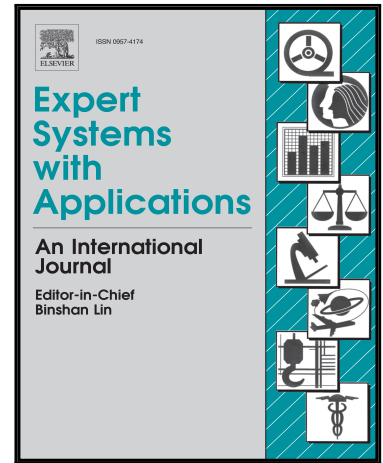


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A multilevel block building algorithm for fast modeling generalized separable systems

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Highlights

- Defined a generalized separability (GS) to handle repeated variables.
- Proposed a multilevel block building (MBB) algorithm to determine the target function of a GS system.
- MBB decomposes the target model into a number of blocks, further into minimal blocks and factors.
- MBB is a promising algorithm for modeling engineering systems with separability features.

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