

# Accepted Manuscript

Grey Wolf Optimizer with Cellular Topological Structure

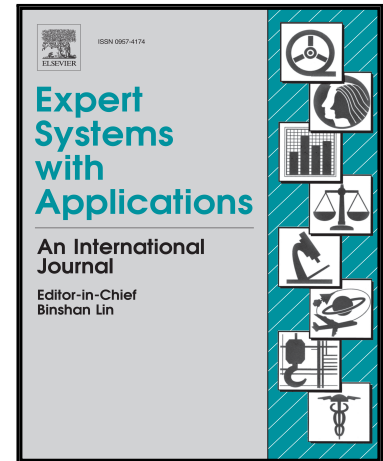
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#### Highlights

- The cellular automata concept is embedded into the GWO
- CGWO with a topological structure can help to improve diversity of population
- The proposed CGWO can solve multimodal problems well
- The CGWO outperforms the other state-of-the-art algorithms on function and engineering problems

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