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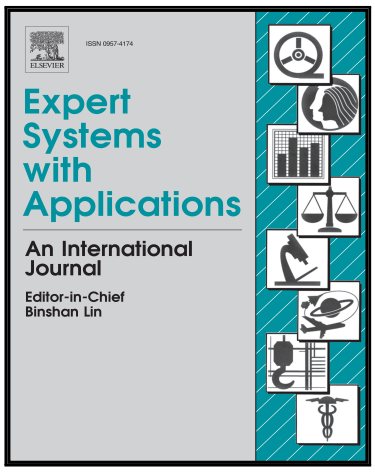

Natural selection methods for Grey Wolf Optimizer

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Highlights

- Selection methods are utilized in Grey wolf Optimizer (GWO) to mend diversity.
- GGWO, TGWO, PGWO, UGWO, LGWO, and RGWO are the six proposed versions of GWO.
- Experimental evaluations are conducted using 14 mathematical test functions.
- Sensitivity Analysis for some versions of GWO gives proper parameter settings.
- Comparative evaluation shows superiority of TGWO over 9 comparative methods
- In Conclusion, TGWO should be replaced the GGWO to improve outcomes

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