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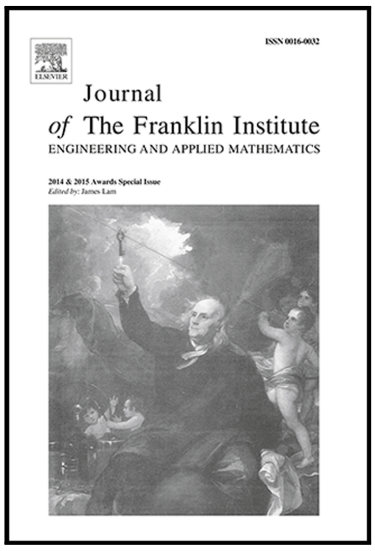

Fractional lion optimization for cluster head-based routing protocol in wireless sensor network

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Highlights

- Fractional lion (FLION) is developed for finding the energy efficient routing path.
- A new fitness function is developed based on the five different objectives
- Comparative discussion is presented with LEACH, PSO, ABC and FABC algorithms.
- Proved that the life time of networks is maximised by the proposed FLION algorithm

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