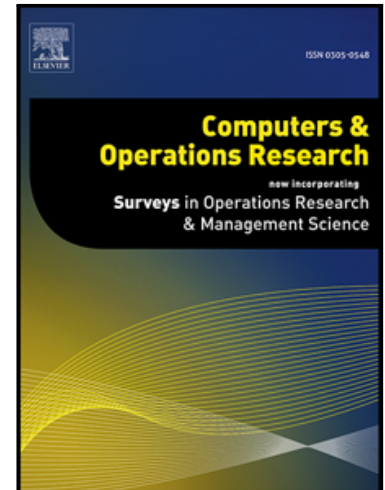


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Three-Dimensional Protein Structure Prediction Based on Memetic Algorithms

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Highlights

- An algorithm to deal with the 3-D protein structure prediction problem is proposed.
- The method is a multimodal evolutionary algorithm allied to a local search strategy.
- The method was built as an incremental approach based on promising evolutionary components.
- Results are topologically compatible with the experimentally determined structures.

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