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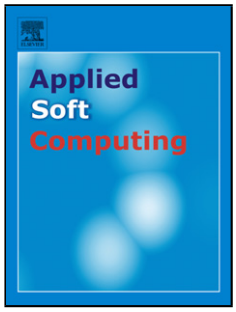


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# An Improved MOEA/D Algorithm for Multi-objective Multicast Routing with Network Coding

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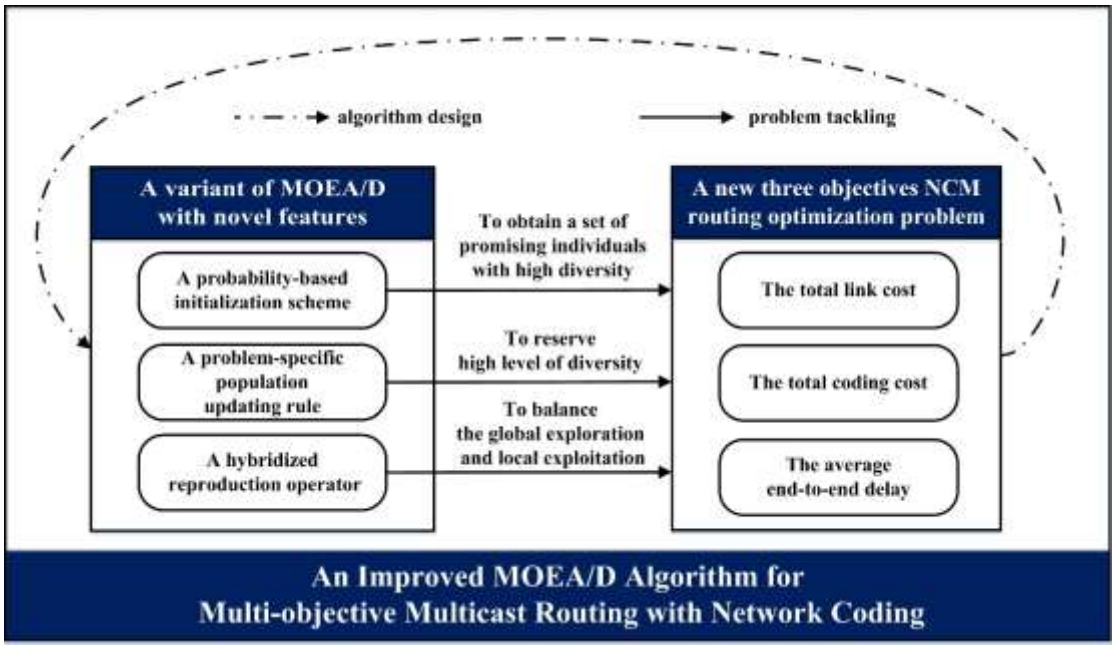
Graphical abstract




Highlights

- Formulate a network-coding-based multicast routing problem with three objectives.
- Propose a hybrid multi-objective evolutionary algorithm incorporating PBIL into MOEA/D.
- Develop a probability-based initialization scheme, a problem-specific population updating rule, and a hybridized reproduction operator to enhance the optimization performance.

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