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Efficient Fractal-based Mutation in Evolutionary Algorithms from Iterated Function Systems

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Highlights

- We present a new mutation operator for Evolutionary Algorithms based on Iterated Function Systems.
- The mutation operator is constructed from a large set of fractal structures from IFS systems.
- Different continuous benchmark optimization functions have been tackled with this operator.
- A real application of Tuned Mass Damper location and design is tackled with the proposed mutation.

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