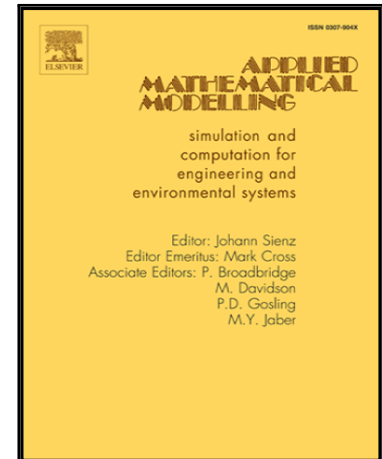


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Compound Modification of Globoidal Worm Drive with Variable Parameters

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Highlights

- Proposing the meshing theory for a globoidal worm drive under the modification with variable parameters;
- Establishing a mathematical model for meshing analysis;
- Studying the meshing geometry theoretically and numerically;
- Implementing comparative researches on meshing properties among diverse drive types;
- Discovering some drive types have the favorable performance during mesh;

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