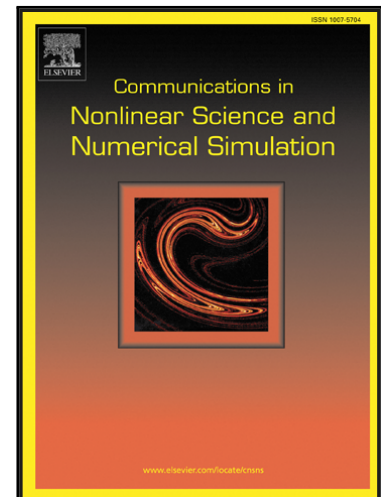


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Symmetry reductions of a generalized Kuramoto-Sivashinsky equation via equivalence transformations

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Highlights Manuscript: Symmetry reductions of a generalized Kuramoto-Sivashinsky equation via equivalence transformations.

- Equivalence transformations for a generalized Kuramoto-Sivashinsky equation with variable coefficient depending on the dependent variable are determined.
- We have obtained certain types of arbitrary functions for which the considered equation admits additional symmetries.
- Symmetry reductions and exact solutions for variable coefficient equations are obtained.

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