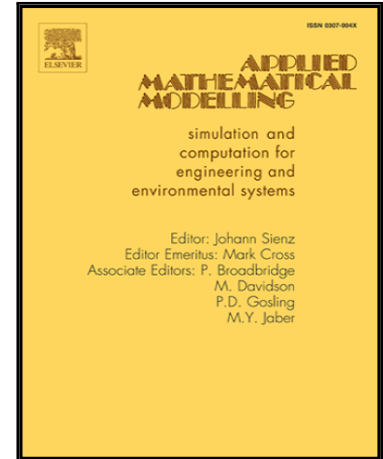


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Efficient numerical solution of Laplace and Poisson's equations using geometrical transformation and graph products

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Highlights

- Efficient numerical solution using geometrical transformation and graph products.
- Application to Laplace and Poisson's equations.
- Mesh free formulation for rectangular domains and full decomposition of matrix equations
- Numerical implication of the conformal mapping and computational complexity.

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