## **Accepted Manuscript**

Quasi-analytical solution of two-dimensional Helmholtz equation

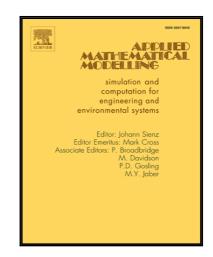
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#### ACCEPTED MANUSCRIPT

## Highlights

- Formulation of transformed Helmholtz equation
- Illustration of conformal mapping to solve the Helmholtz equation
- Illustration of quasi-analytical solution of Helmholtz equation for non-trivial shapes

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