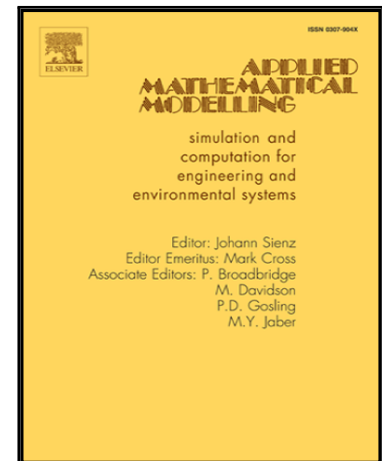


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A second order BDF alternating direction implicit difference scheme
for the two-dimensional fractional evolution equation

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Highlights

- The second order BDF ADI difference scheme applied to the present equation is new.
- An ADI scheme based on second order convolution quadrature applied to the present equation is new.
- The numerical experiments are given under homogeneous and inhomogeneous Dirichlet boundary conditions.

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