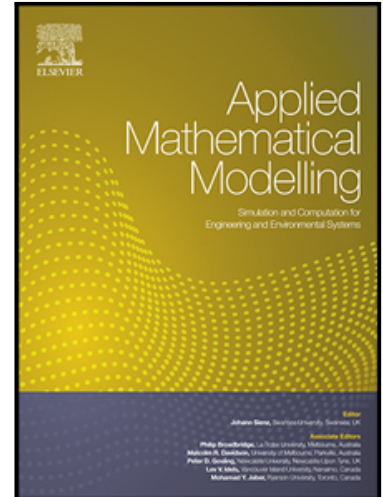


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Development of POD reduced-order model and its closure scheme for 2D Rayleigh-Bénard convection

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Highlights

- It is the first time to investigate Rayleigh-Bénard convection at high Ra flow based on POD-Galerkin method.
- The reduced-order model with a closure model is built for Rayleigh-Bénard convection.
- It is the first time to study the short-time and long-time prediction of Rayleigh-Bénard convection.

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