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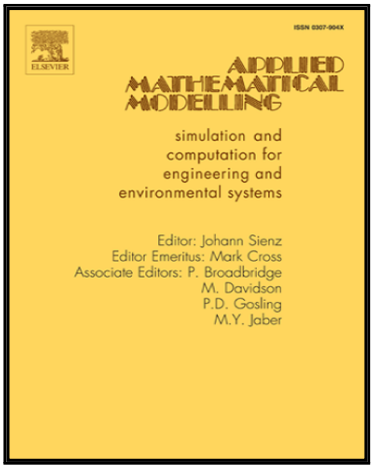


# Polynomial interpolation with repeated Richardson extrapolation to reduce discretization error in CFD

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**Highlights**

- A novel numerical procedure for reducing the discretization error in CFD.
- This procedure entails extremely low computational cost.
- It is valid for schemes of any order of accuracy, equation and number of dimensions.
- Variables of interest are classified into five types according to their locations on various grids.

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