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A new third order finite volume weighted essentially non-oscillatory scheme on tetrahedral meshes

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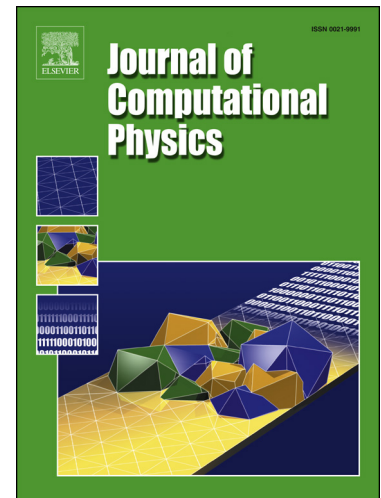
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Highlights

- The new finite volume WENO scheme are its simplicity and compactness, with only six unequal size spatial stencils for the WENO type reconstruction, while in Zhang and Shu's paper, they used sixteen small stencils in the reconstruction. We can see that the method adopted in this paper is conciser.
- The linear weights can be any positive number in this paper, while in Zhang and Shu's paper, the linear weights are depended on the topology of the computational mesh and reconstruction point. The new method is more efficient.

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