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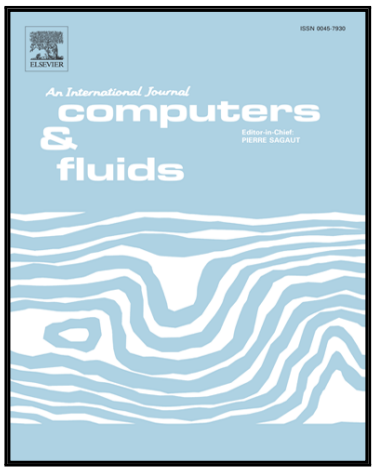

Local maximum principles in high-order non-oscillatory schemes for non linear hyperbolic equations

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Highlights

- Use of a “smoothness indicator” for analyzing the regularity of a numerical solution.
- Use of a specific limiter for introducing a maximumprinciple into an interpolation.
- Use of fuzzy logic rules to generate a smooth behavior of the limiter.

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