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Stability Analysis of a Multilevel Quasidiffusion Method for Thermal Radiative Transfer Problems

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## Highlights

- Fast multilevel iterative method for solving time-dependent nonlinear radiative transfer problems.
- Fourier analysis of the multilevel quasidiffusion method in semi-continuous and discretized forms.
- Performance and stability of the multilevel method are analyzed on a model multigroup thermal radiative transfer problem.

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