

Multiscale approaches for removing multiplicative noise

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This work adapts a variety of both classical and new multiplicative noise removing models to the multiscale hierarchical decomposition form, following the idea of a seminal paper from 2004. Well-definedness and convergence properties are provided for the proposed methods, as well as comprehensive numerical experiments and comparisons.

This is joint work with Joel Barnett, Wen Li and Luminita Vese.

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