

Abstract Submitted
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The Never Ending Tale of Price's Tail (yet one more time again)

ALEXANDER SMITH, Bates College, LIOR BURKO, Bates College — The Price tail of black hole perturbations has been studied extensively over the last three decades. Surprisingly, there is still some confusion regarding the fine details of the phenomenon – even for the Schwarzschild spacetime that is usually considered to have been fully solved as early as 1972. We consider here higher-order (in inverse time) corrections to the power-law tail, and discuss Hod's result that the correction includes a logarithmic term. By carefully analyzing numerical data we conclude that no logarithmic correction terms are expected.

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