



## Exponential fitting of the damped wave equation

<http://www.firstlight.cn> 2010-12-30

Herein, the Control Region Approximation [1, 2] is applied to the damped wave equation both with and without exponential fitting [3]. It is shown that exponential fitting is advantageous as regards the accuracy, asymptotics, stability and dispersive/dissipative properties of the resulting numerical approximation.

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