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# Finite Difference Methods For Ordinary And Partial Differential Equations Steady State And Time Dependent Problems Classics In Applied Mathematics By Randall J Leveque

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linearizes the equations if they are not linear and then separates the temporal and spatial dependence section 4 3 to look at the growth of the linear modes un j a k nei j k x 8 9 this assumed form has an oscillatory dependence on space which can be used to syn'

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