edX

Problem (5-6)

Problem 5

0.0/1.0 point (graded)

By comparing the Euler method with the Taylor expansion, determine the order of the Euler method in terms of Δt.

○ 0th order

○ 1st order

○ 2nd order

○ 3rd order

○ 4th order

| Submit | You have used 0 of 2 attempts |

Problem 6

0.0/1.0 point (graded)

By comparing the Leap-Frog method with the Taylor expansion, determine the order of the Leap-Frog method in terms of Δt.

○ 0th order

○ 1st order

○ 2nd order

○ 3rd order

○ 4th order

Submit   You have used 0 of 2 attempts