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$$\Delta t = \frac{1}{3} h \{ [(0) + ()] + 4 [(1) + (3) + \dots + (-3) + (-1)] + 2 [(2) + (4) + \dots + (-4) + (-2)] \}$$
 Finally, putting the terms of similar multipliers in summation form yields
$$\Delta t = \frac{1}{3} h \{ [() + ()] + \sum 4 () - 1 = 1, 3, 5. \}$$
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equation. In this section we

introduce numerical methods for

solving differential equations, First

we treat first-order equations, and

in the next section we show how to

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