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WEEKS 23-24 Book D Unit 11: Eigenvalues



Unit 11 Practice quiz

iCMA 43



This item is also available in Weeks 16-17.

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Finish attempt ...

Question 13 Not yet answered

Marked out of 1.00 | Flag question

A particle of mass **25** kg moves in a straight line such that the force (in Newtons) acting on it at time t (in seconds) is given by

$225t^6 + 175t^4 + 200.$

If at time $t = 0$ its velocity, v (in m s^{-1}), is given by $v(0) = 14$, and its position x (in m) is given by $x(0) = 10$, what is the position of the particle at time t ?

The position is m.

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