Search the OU

StudentHome

Profile Study Library Careers

Community

Help Centre

MST125-25B Ho...

Assessment

Tutorials

Forums Resources News

Help?

Q)

MST125-25B Home > Weeks 23-24 > iCMA 43

WEEKS -

Book D Unit 11: Eigenvalues



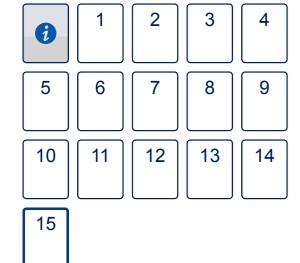






This item is also available in Weeks 16-17.

Questions



Finish attempt ..

Question 15 Not yet answered

A particle moves such that its velocity at time $m{t}$ is given by

$$\mathbf{v} = 5 t^5 \mathbf{i} + 4 t^5 \mathbf{j} + t^3 \mathbf{k}.$$

If its position \mathbf{x} at time t=0 is given by $\mathbf{x}(0)=\mathbf{i}+2\mathbf{j}$, what is the position of the particle at time t?

Enter i for \mathbf{i} , j for \mathbf{j} and k for \mathbf{k} , so to enter $2\mathbf{i} + 3\mathbf{j}$ type $2^*\mathbf{i} + 3^*\mathbf{j}$.

The position is

Previous page

Finish attempt ..

Page tools



<u>Send</u> <u>feedback</u>

The Open University

Follow us on Social media











OU Accessibility statement Conditions of use

Copyright Cymraeg

Privacy policy

Cookie policy

Manage cookie preferences Student Policies and Regulations **Student Charter**

System Status

