Vectors and matrices as organised quantitative models

ACT · Vocabulary in context

Word	Example
displacement vector /dɪˈspleɪsmənt ˈvektə/	The **displacement vector** shows the change from start to finish.
magnitude /ˈmægnɪtjuːd/	The **magnitude** of the vector (3, 4) is 5.
scalar /ˈskeɪlə/	Speed is a **scalar**: it has size but no direction.
matrix /ˈmeɪtrɪks/	Put each day's sales in one row of the **matrix**.
• **dot product** /dɒt ˈprɒdʌkt/	To find the **dot product**, multiply matching parts and add.

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