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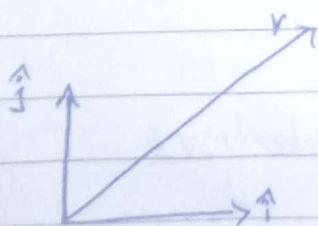
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Machine learning : linear algebra.

Report :

- Vectors are objects that move around space.
in this chapter we can learn findings the modulus size, angle between vectors and projection.
- Then we determine whether a proposed set of basis vectors are what's called linearly independent.
- The way of combine vectors together is called as dot product.
- Modulus and inner product.



$$r = ai + bj$$

$$|r| = \sqrt{a^2 + b^2}$$

$$r = \begin{vmatrix} a \\ b \end{vmatrix}$$

$$|r| = \sqrt{a^2 + b^2}$$