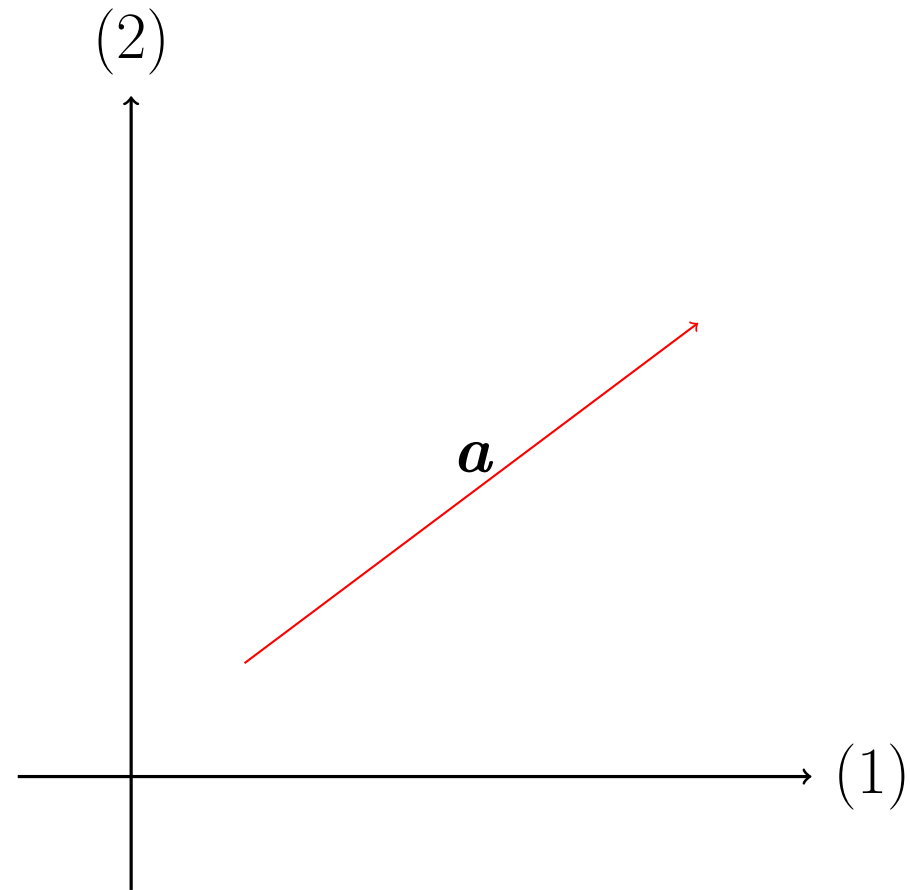


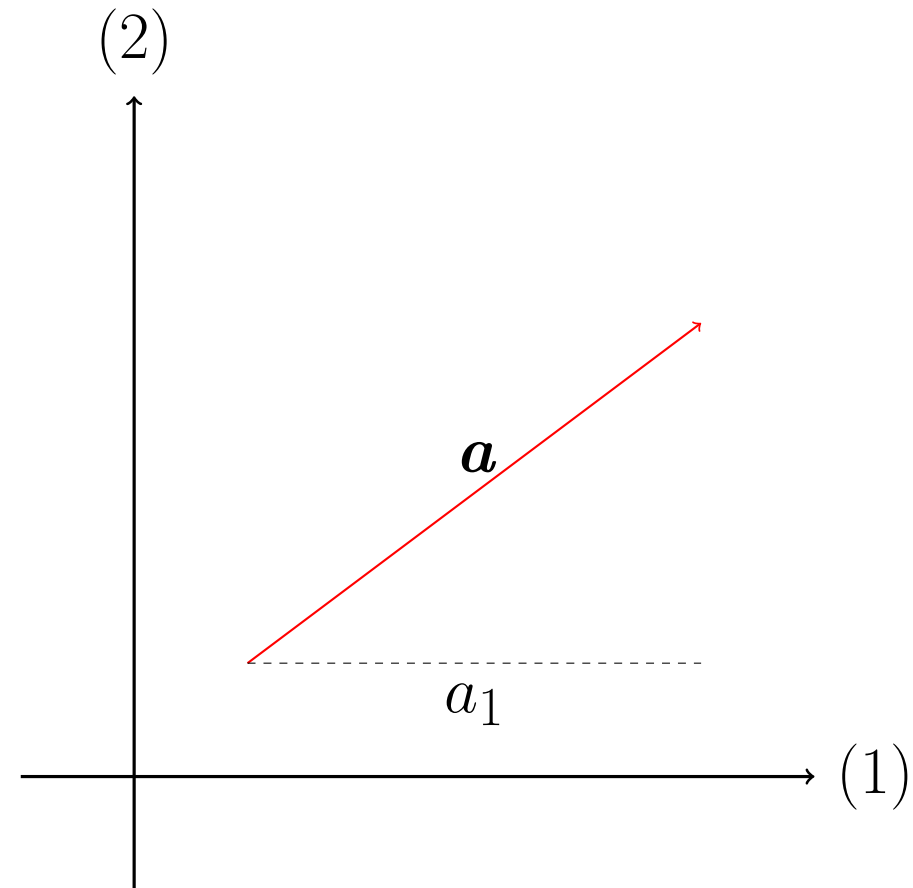
Vektor definitioner og længde

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$



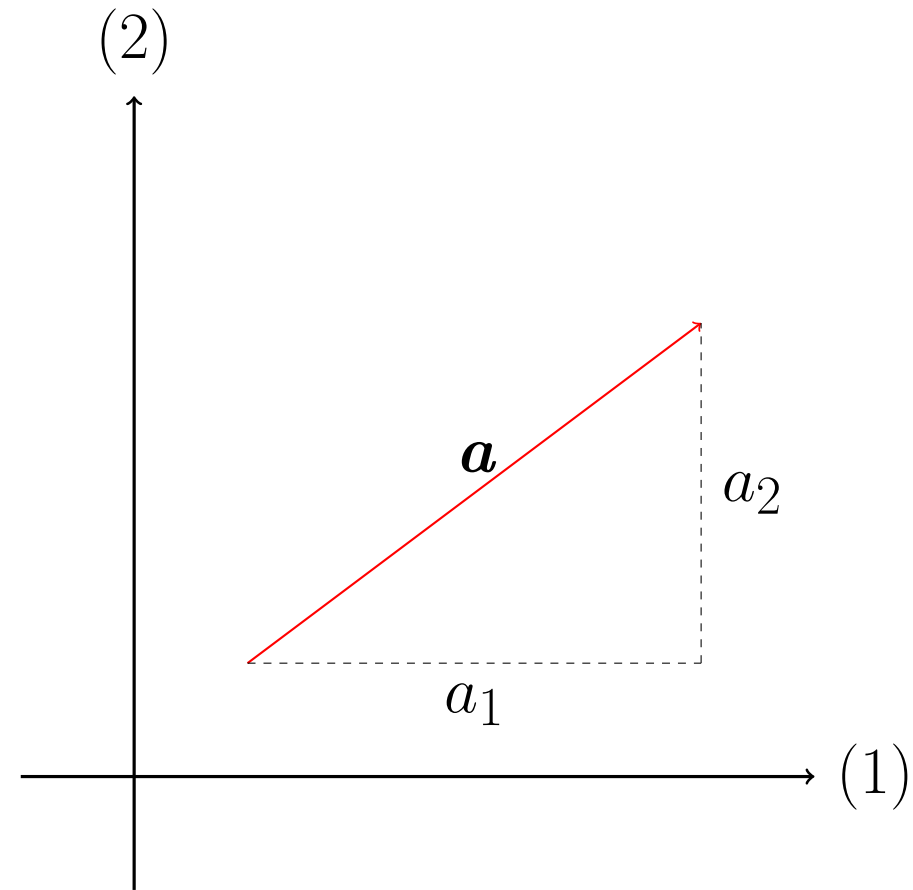
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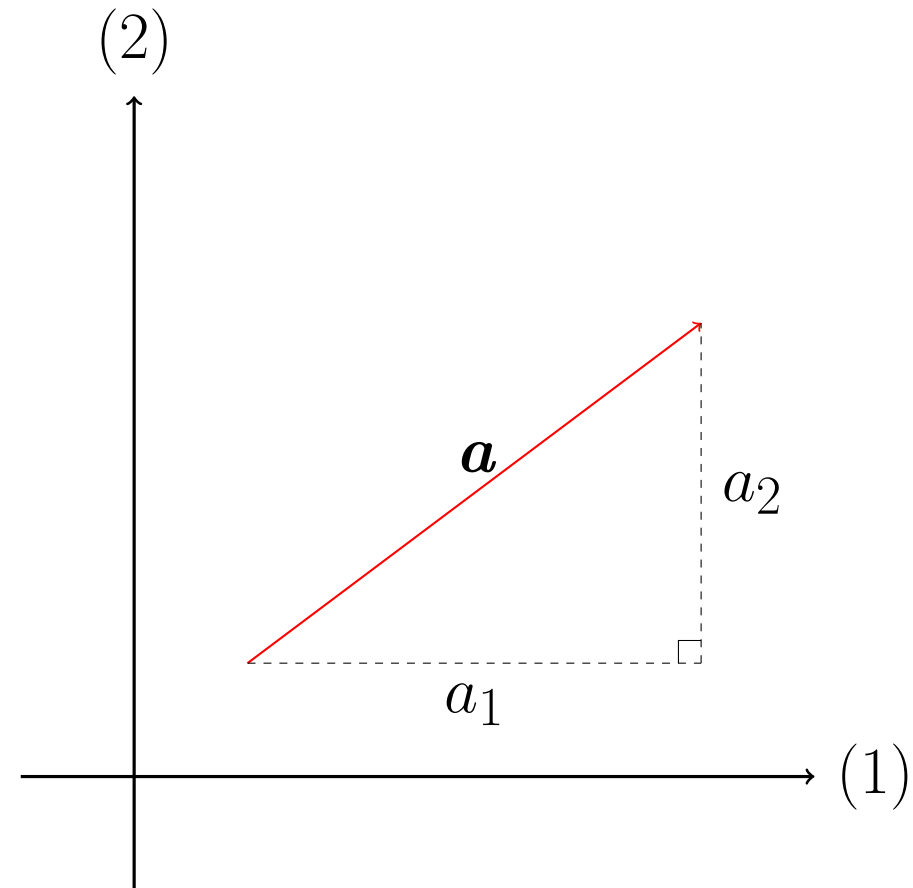
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Vektor definitioner og længde

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$

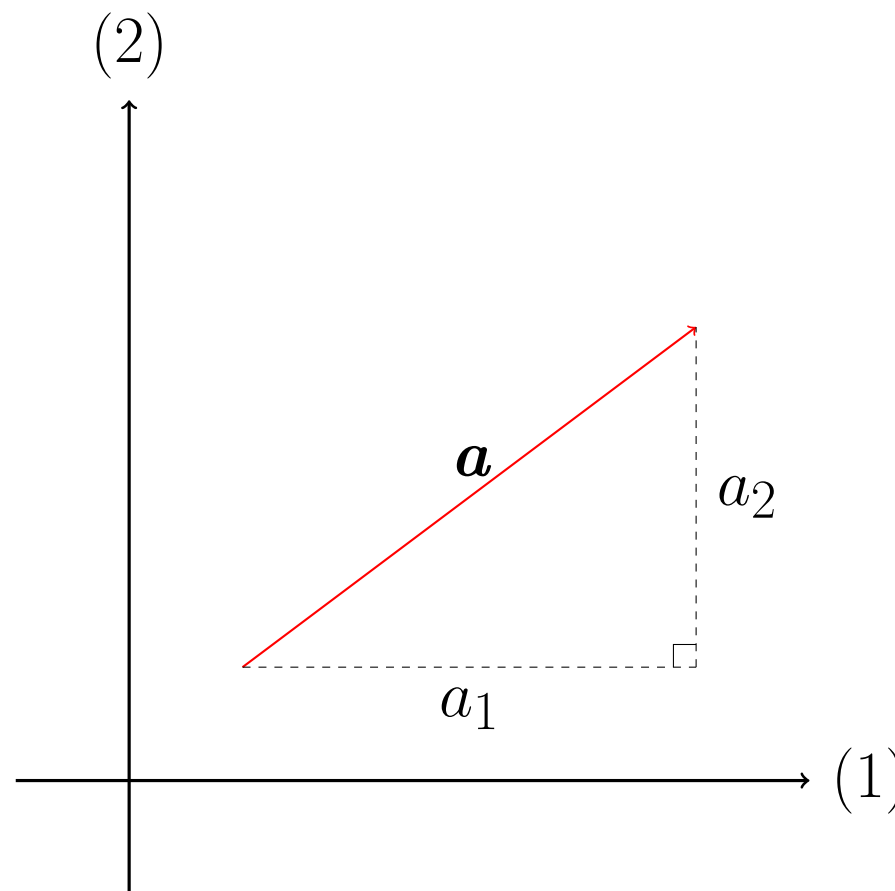


Vektor definitioner og længde

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$

Længden af en vektor

$$|\mathbf{a}|^2 = a_1^2 + a_2^2$$



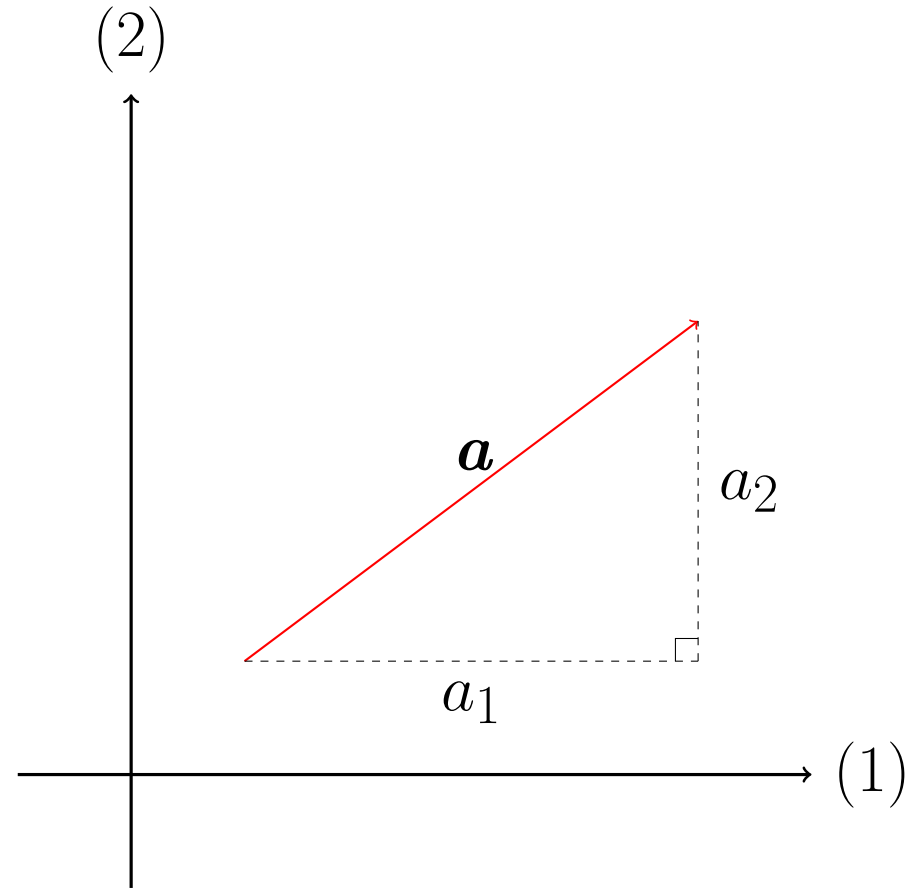
Vektor definitioner og længde

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$

Længden af en vektor

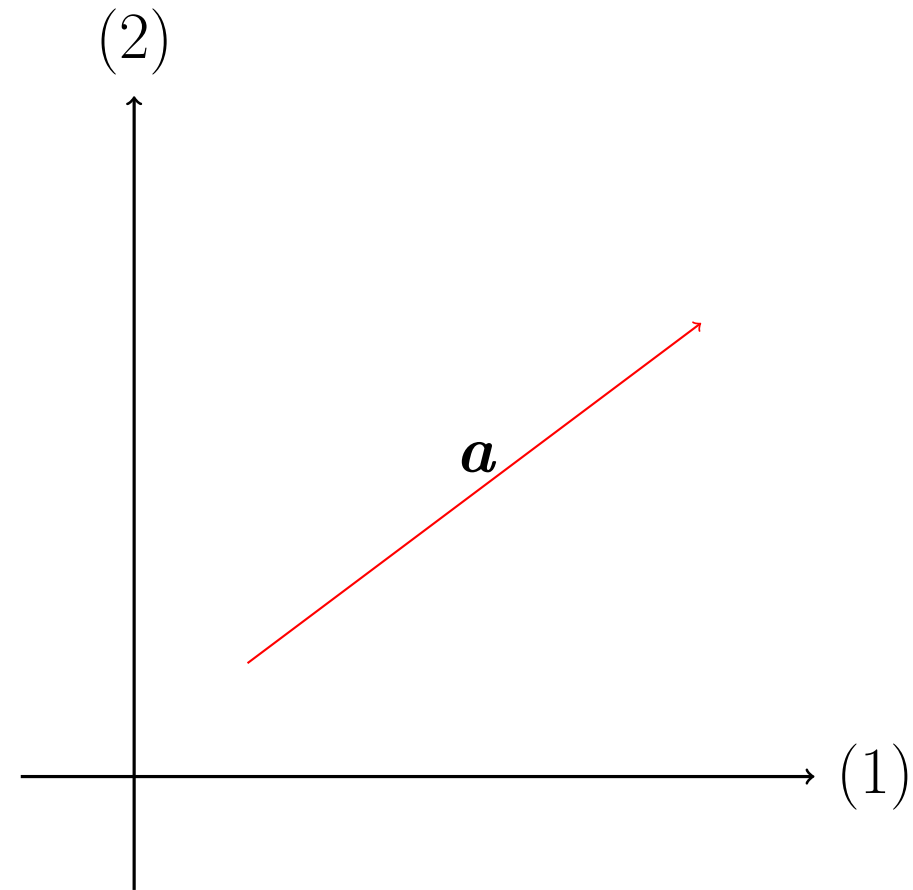
$$|\mathbf{a}|^2 = a_1^2 + a_2^2$$

$$|\mathbf{a}| = \sqrt{a_1^2 + a_2^2}$$



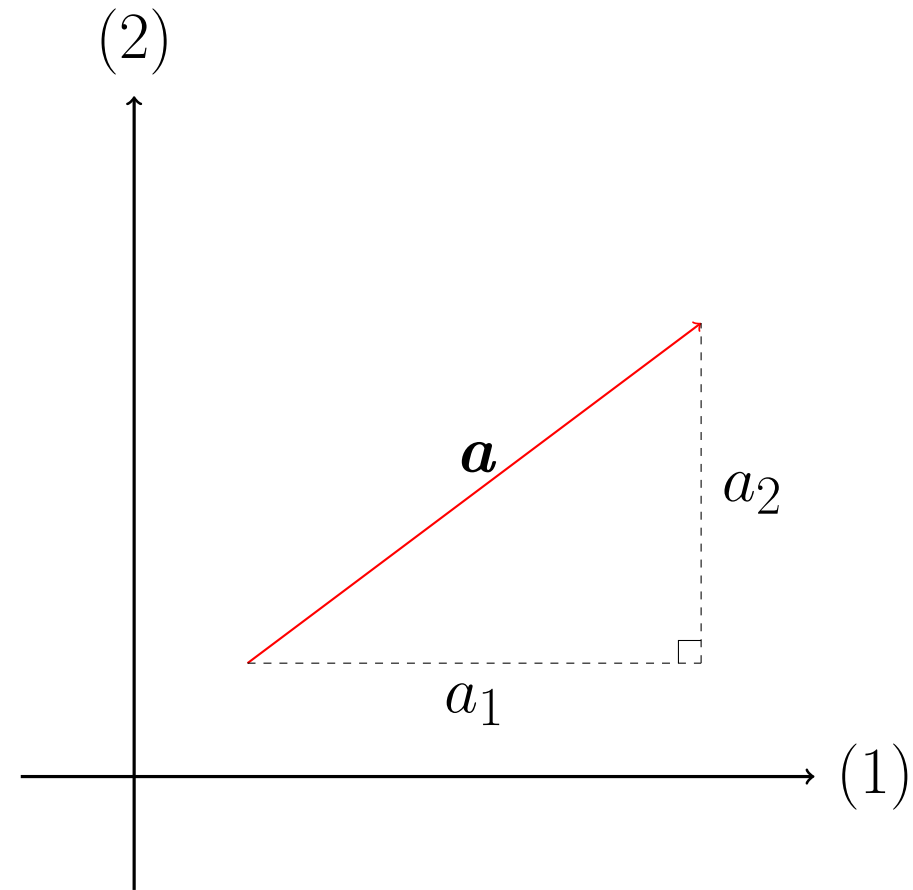
Vektor vinkel-definition

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$



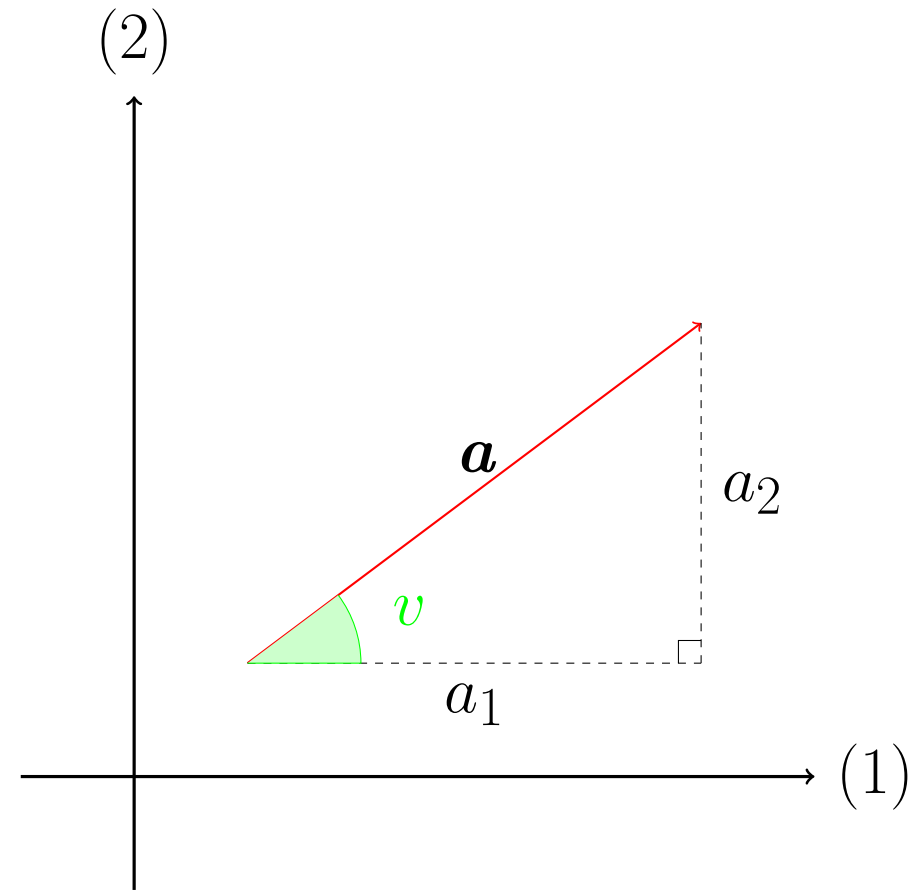
Vektor vinkel-definition

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$



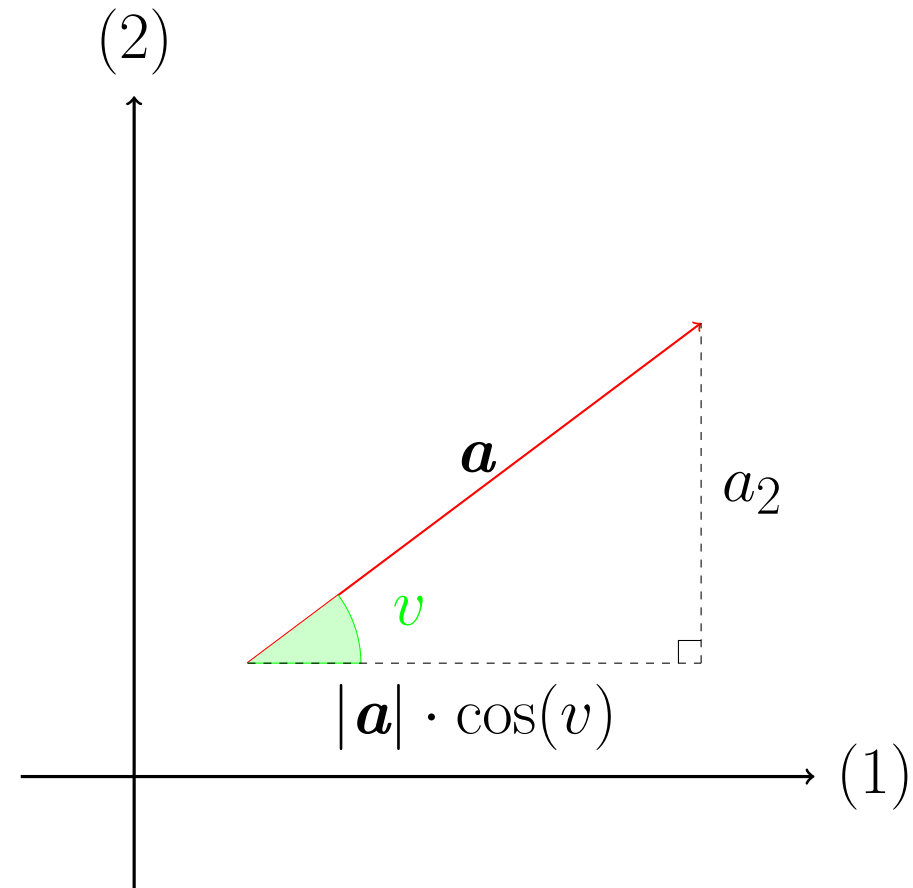
Vektor vinkel-definition

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$



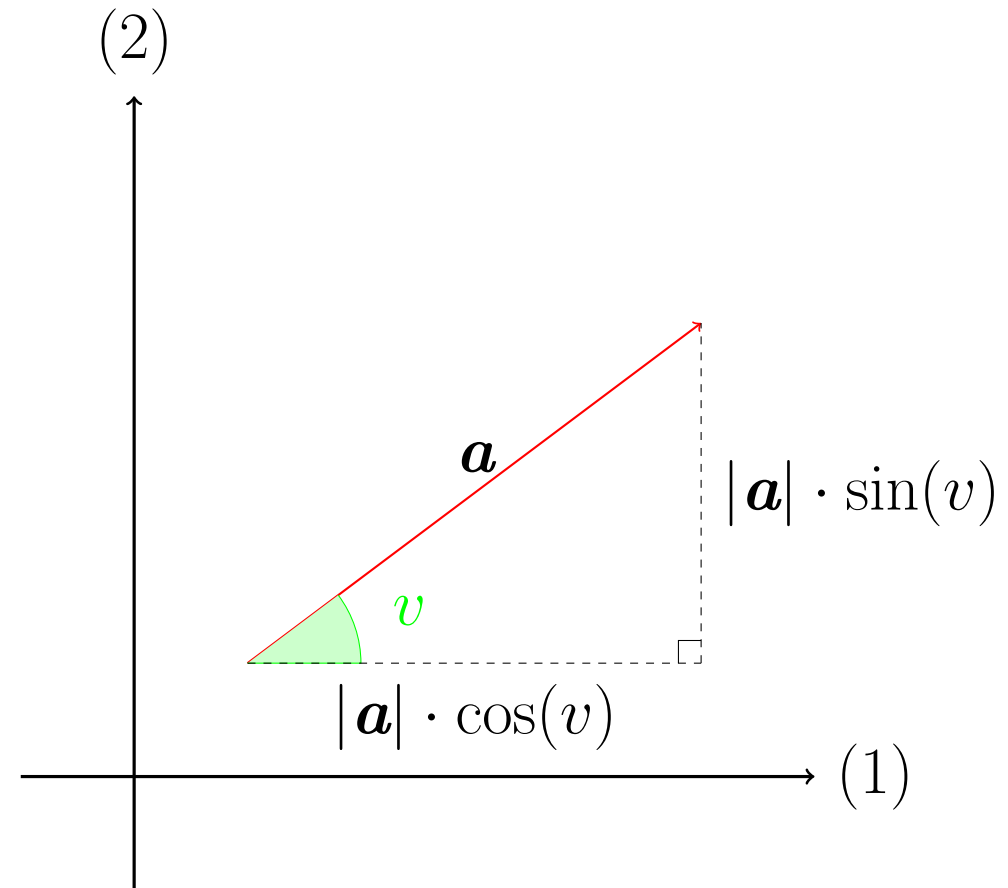
Vektor vinkel-definition

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$



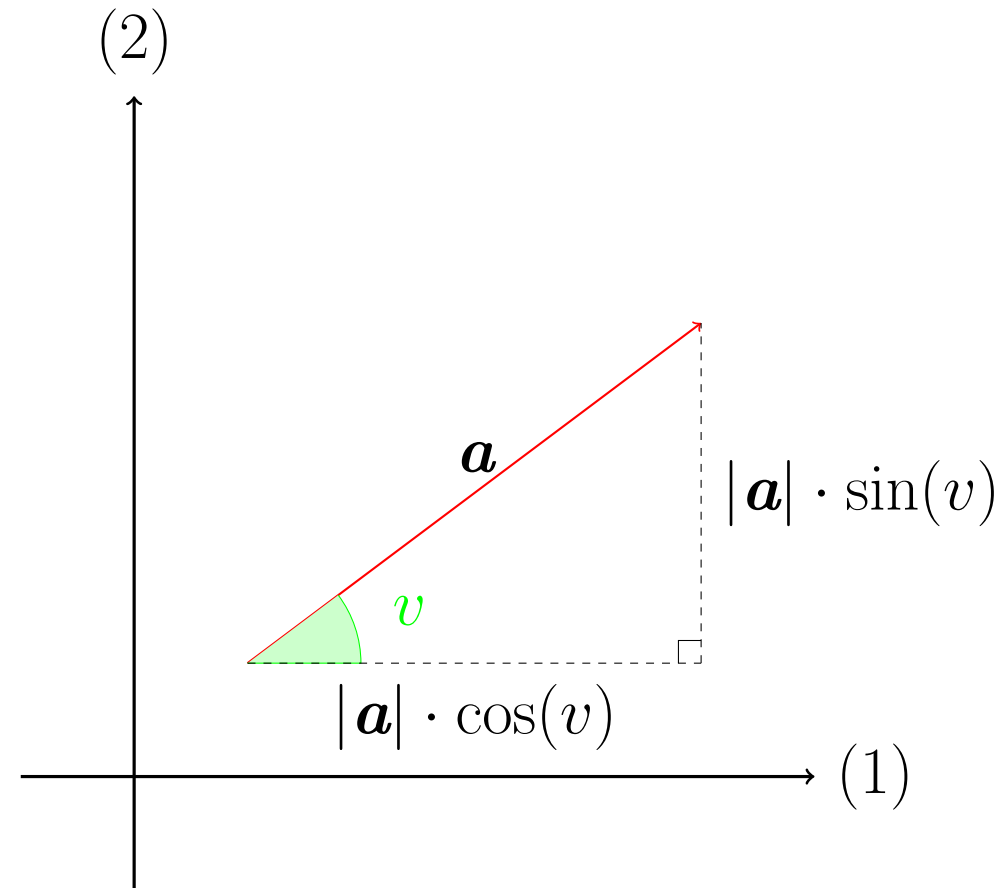
Vektor vinkel-definition

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$

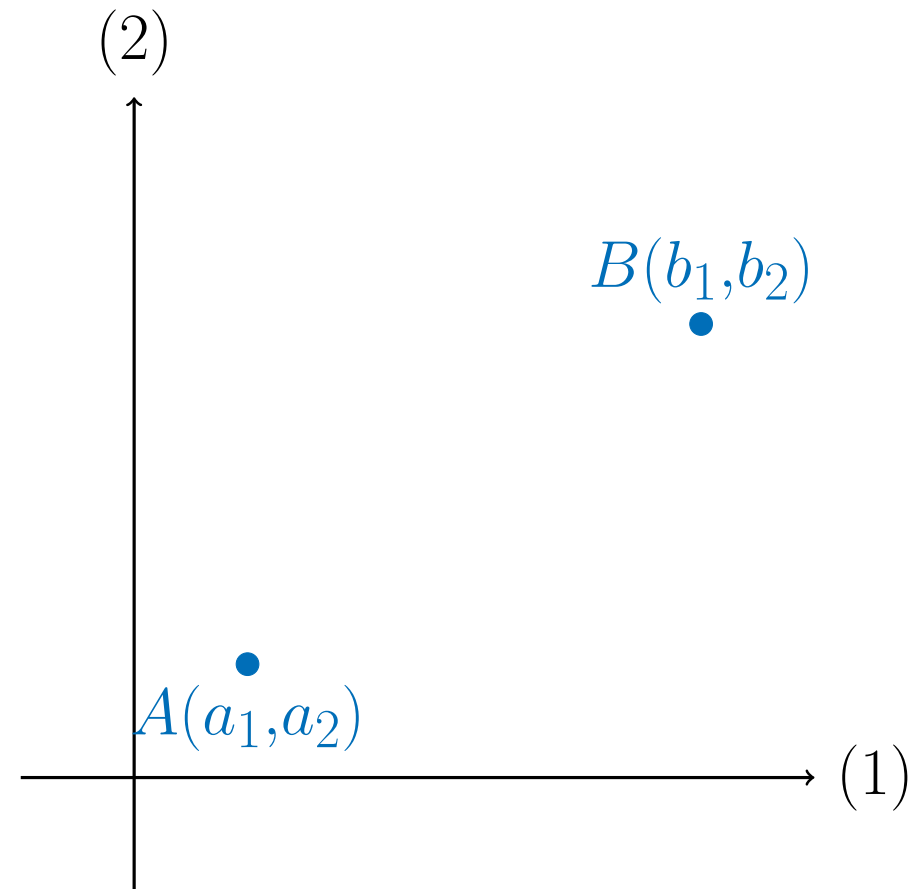


Vektor vinkel-definition

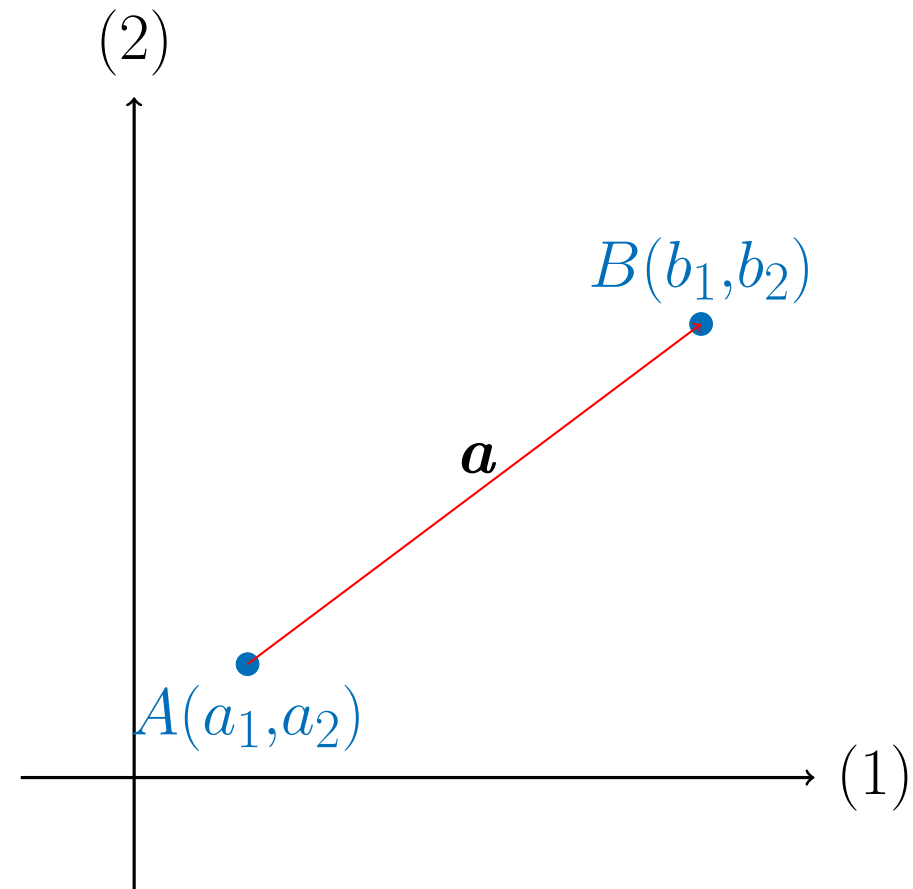
$$\mathbf{a} = \begin{pmatrix} |\mathbf{a}| \cdot \cos(v) \\ |\mathbf{a}| \cdot \sin(v) \end{pmatrix}$$



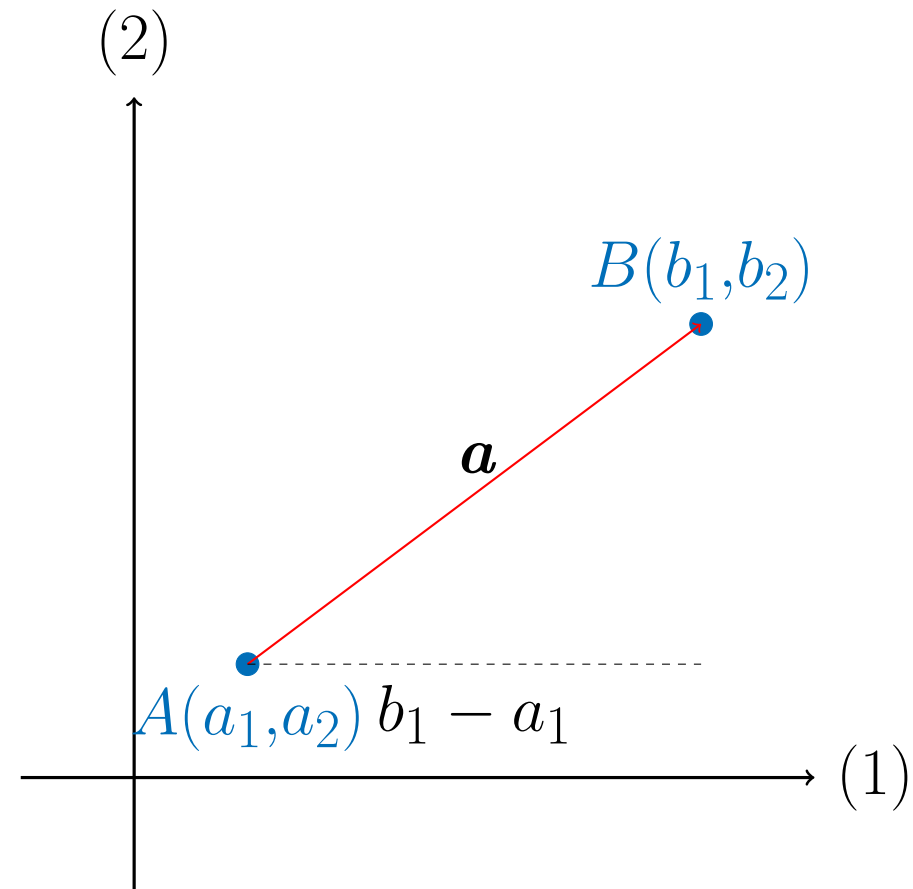
Vektor punkt-definition



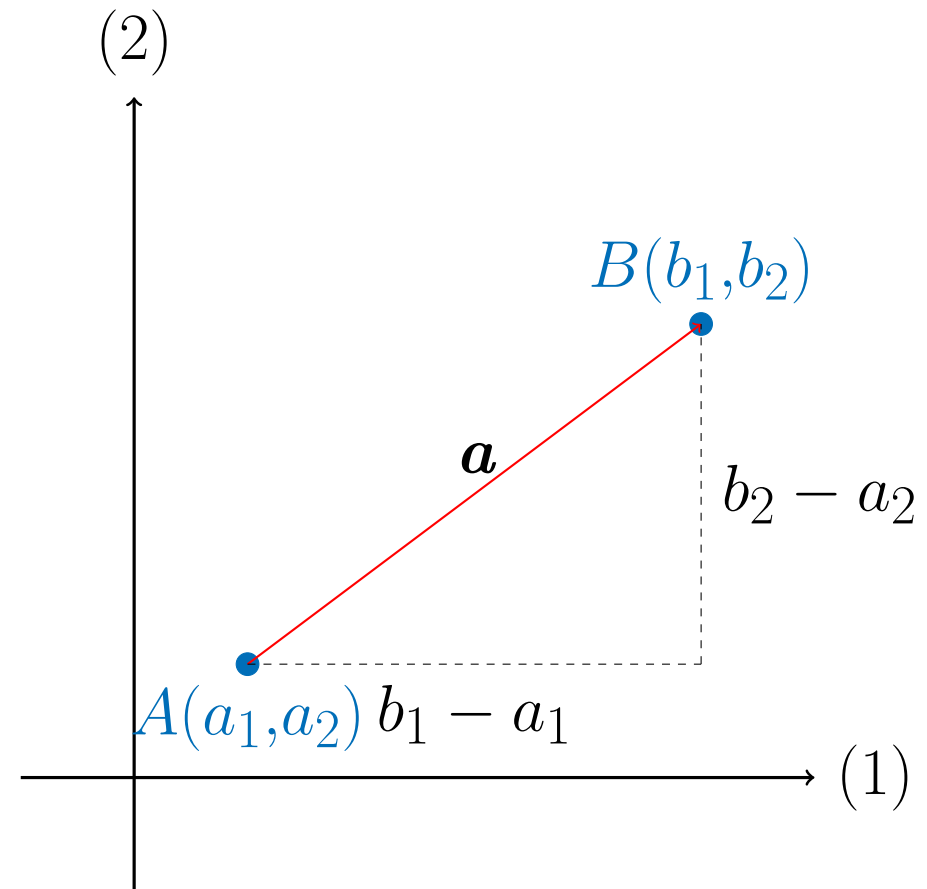
Vektor punkt-definition



Vektor punkt-definition

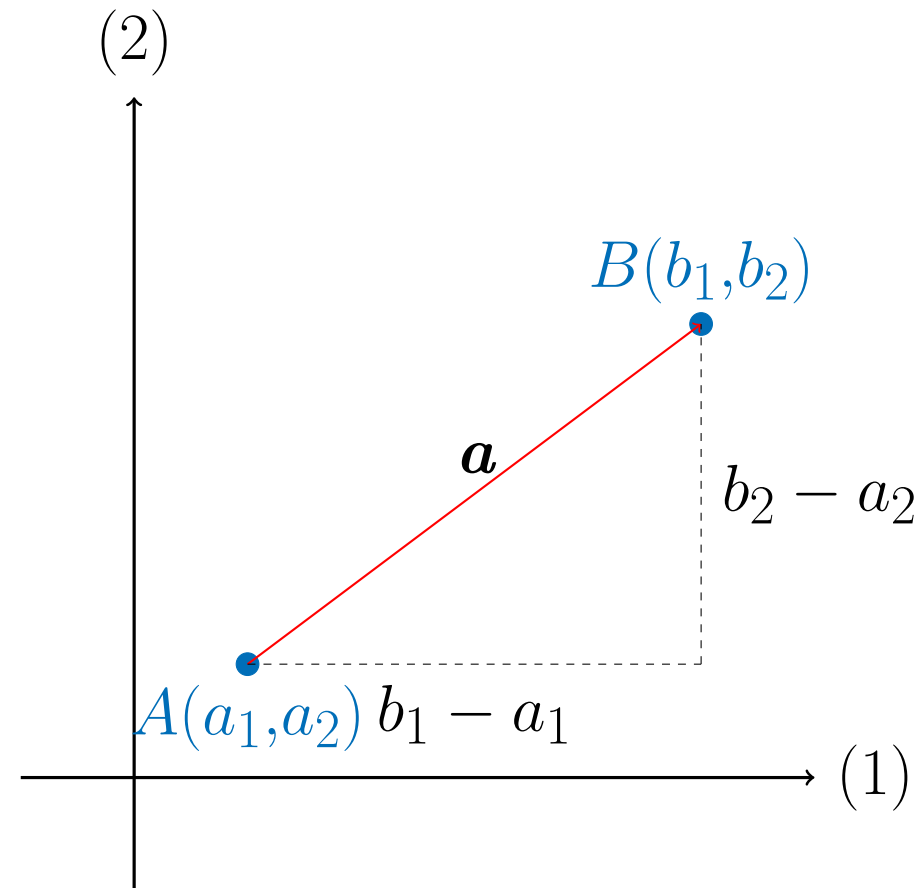


Vektor punkt-definition



Vektor punkt-definition

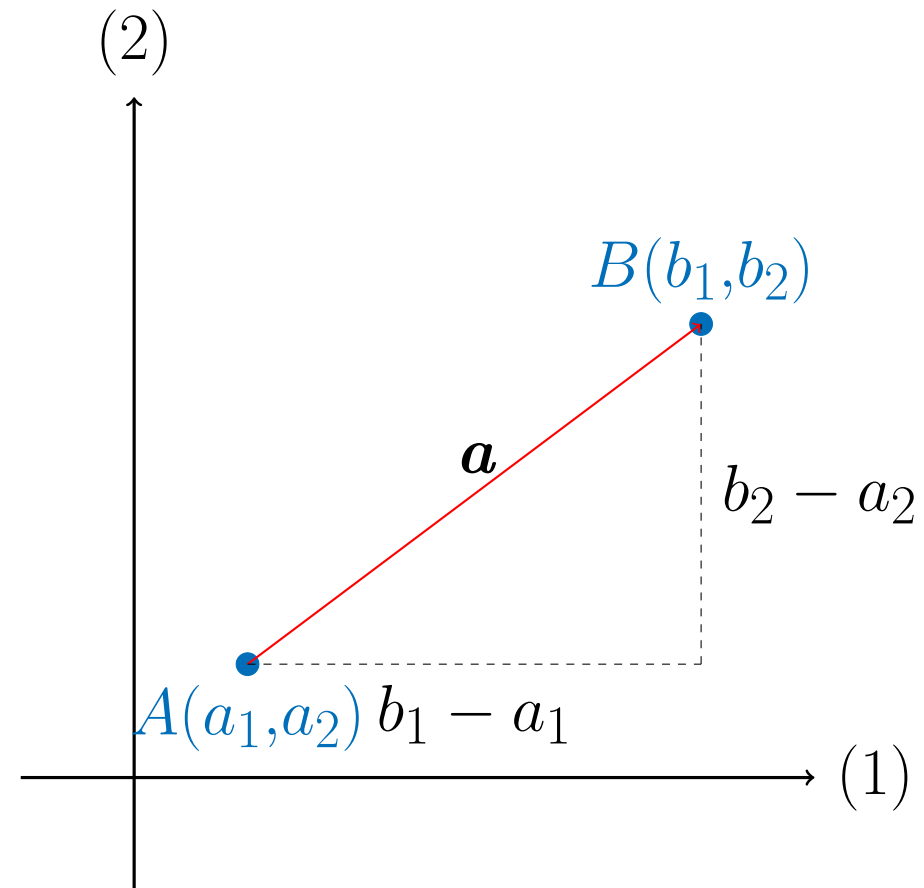
$$\mathbf{a} = \mathbf{AB} = \begin{pmatrix} b_1 - a_1 \\ b_2 - a_2 \end{pmatrix}$$



Vektor punkt-definition

$$\mathbf{a} = \mathbf{AB} = \begin{pmatrix} b_1 - a_1 \\ b_2 - a_2 \end{pmatrix}$$

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$

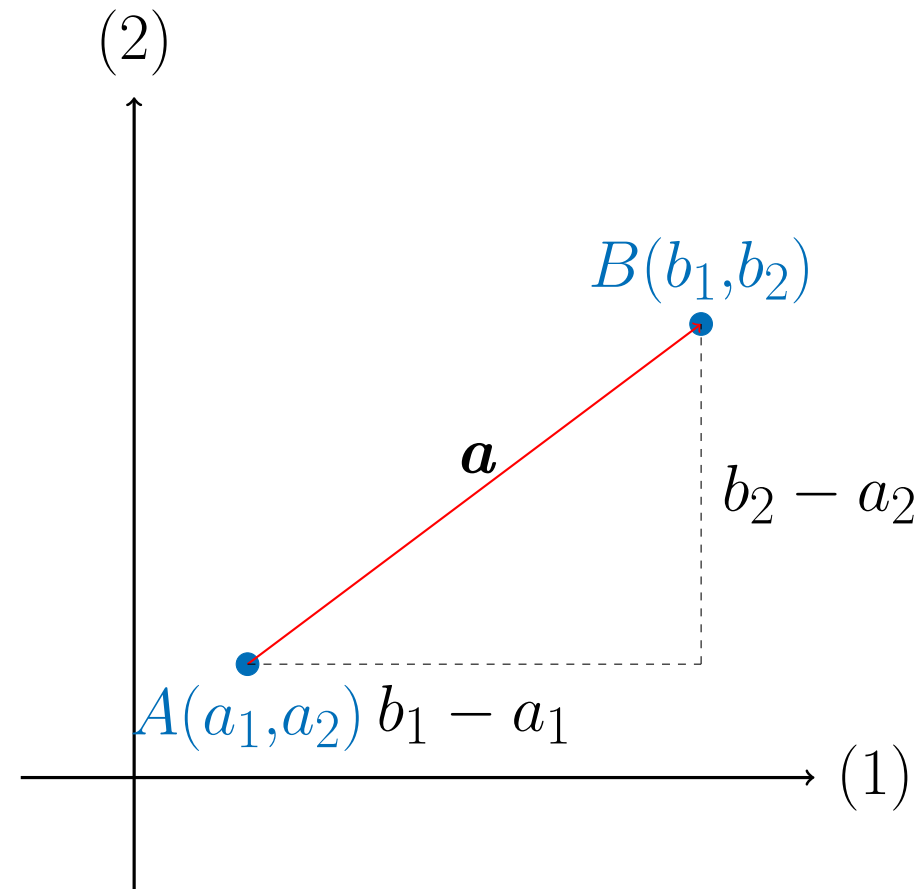


Vektor punkt-definition

$$\mathbf{a} = \mathbf{AB} = \begin{pmatrix} b_1 - a_1 \\ b_2 - a_2 \end{pmatrix}$$

$$\mathbf{a} = \begin{pmatrix} a_1 \\ a_2 \end{pmatrix}$$

$$|\mathbf{a}| = \sqrt{a_1^2 + a_2^2}$$



Vektor punkt-definition

$$\mathbf{a} = \mathbf{AB} = \begin{pmatrix} b_1 - a_1 \\ b_2 - a_2 \end{pmatrix}$$

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$$|\mathbf{a}| = \sqrt{a_1^2 + a_2^2}$$

$$|\mathbf{AB}| = \sqrt{(b_1 - a_1)^2 + (b_2 - a_2)^2}$$

