

[illegible][illegible]
$$\mathbb{E} f_{\mathbf{x}} \bullet^{\circ}$$
$$\mathbb{C}^{\mathbb{R}^2} \ni f \mapsto \int_{\mathbb{R}^2} f(x) dx \quad \text{is a linear functional on } \mathcal{C}_c(\mathbb{R}^2).$$
[illegible][illegible]

- [illegible]

[illegible]

- [illegible]

$$\|x\|_1 = \sum_{i=1}^n |x_i|$$

- \$\mathcal{L}_{-2}\$

$$\|x\|_2 = \sqrt{\sum_{i=1}^n x_i^2}$$

- $\mathbb{S}L_{-\infty}$ $\S \in \mathbb{F} \{ \mathfrak{x} \cdot \mathfrak{t} / \mathfrak{s} \hat{\mathfrak{a}} \mathfrak{i} \mathfrak{x} \text{ } ^{-} \mathfrak{e} \} ^{\mathfrak{a}} \mathfrak{a} \sqsubset \langle \in \mathbb{F} \{ \mathfrak{x} \cdot \mathfrak{t} / \mathfrak{C} \mathfrak{a} ^1 \mathfrak{Y} \mathfrak{a} \langle \mathfrak{a} \hat{\mathfrak{i}} \mathfrak{x} \text{ } ^{-} \mathfrak{e} \} ^{\mathfrak{a}} \mathfrak{a} \sqsubset \langle \mathfrak{e} \cdot \mathfrak{c} \} \} \mathfrak{i} / \mathfrak{4} \{ \mathfrak{E} \mathfrak{e} \mathbb{R} ^3 / \mathfrak{4} \mathfrak{S} \mathfrak{x} \text{ in } \mathbb{R} ^{\{ \mathfrak{n} \}} \mathfrak{S} \mathfrak{i} / \mathfrak{4} \{ \mathfrak{C} \mathfrak{a} ^3 / \mathfrak{4} \text{---} \mathfrak{a} ^{\circ} \mathfrak{a} , \langle \mathfrak{e} \mathfrak{c} \mathfrak{e} \} _{\mathfrak{I}} ^{\mathfrak{T} \mathfrak{M} \mathfrak{a}} , \mathfrak{a} \mathfrak{e} \} \text{ } ^{\mathfrak{e}^3 / \mathfrak{4} / \mathfrak{a} \mathfrak{i} / \mathfrak{a} \mathfrak{E} .}$

$$\|x\|_{\infty} = \max(|x_1|, |x_2|, \dots, |x_n|)$$
[illegible] $\mathfrak{a}^\dagger \dots \mathfrak{c} \mathfrak{s}^-$

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[illegible] $\zeta, {}^1\zeta\delta^-$ [illegible]
$$x^T y = \sum_{i=1}^n x_i y_i$$
$$\mathfrak{a} \dots \P \mathfrak{a} \rangle - \mathfrak{a} \dagger \dots \S \mathfrak{S}^-$$
[illegible]

â†...ç§⁻ç©°é—'

aeufāZi/4Eae*āwātafēcōwēēcā...cšš ā Cēat...cšš cōē—āc,āwā,ēššēZāzāāwā...āwācšš,cē—ācšš,cšš,āwāācā,cā...ācššācē—cšš,ācāpāCēššāwā/4Eae*cāwā/4Eae*āwēācēZāYāwācššcōē—āŠāš ācā,ēcāc—cšš,cšš,wēz,1/4CēēTMā,ēcēāc—cšš,wēz,āwācē—āwācšš āwāCēššāwā...cšš cšš,ācēcōēcōē—1/4Eae*āwāāācāšā...cšš cōēcōē—āc,

[illegible]

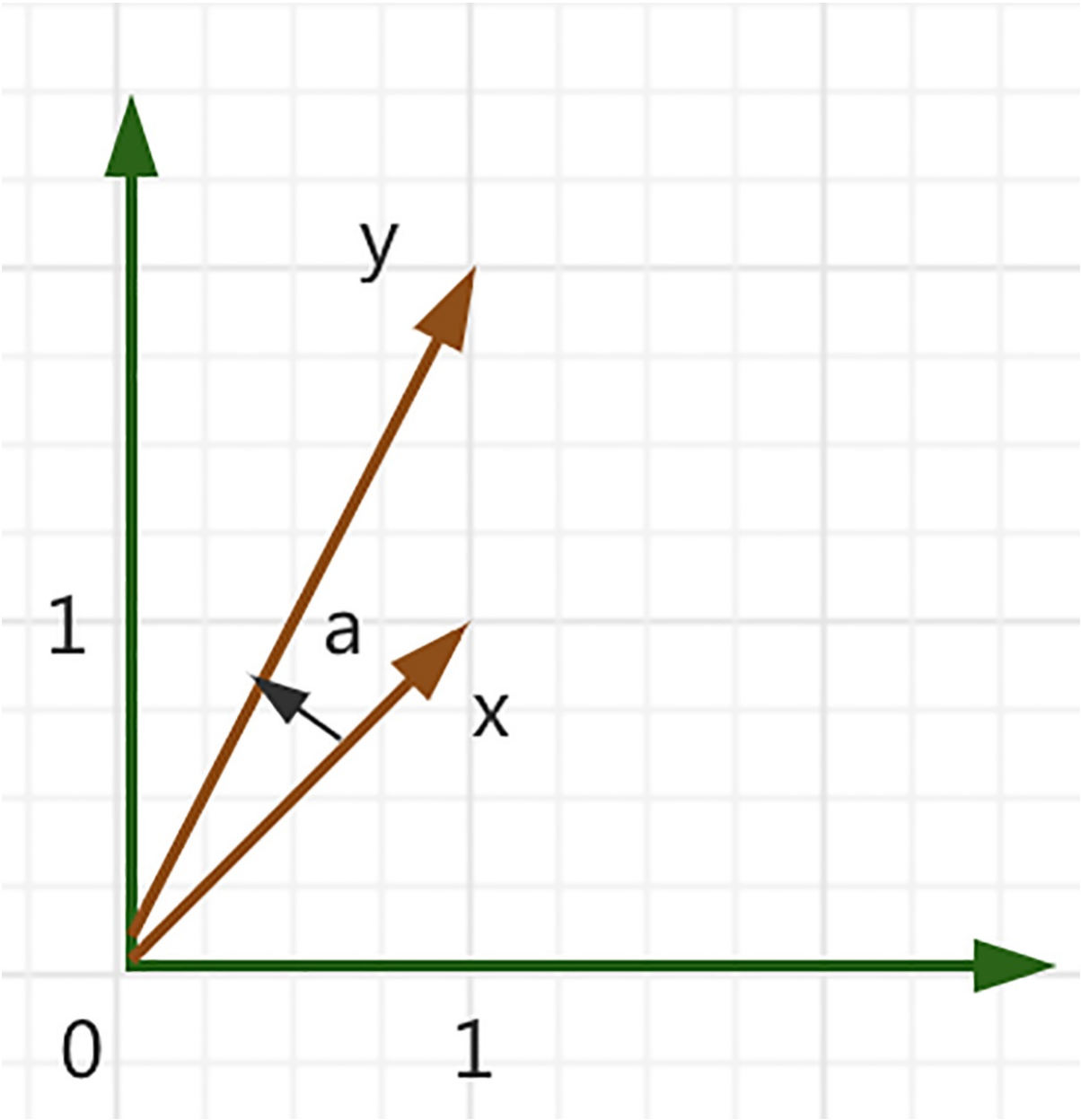
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- [illegible]

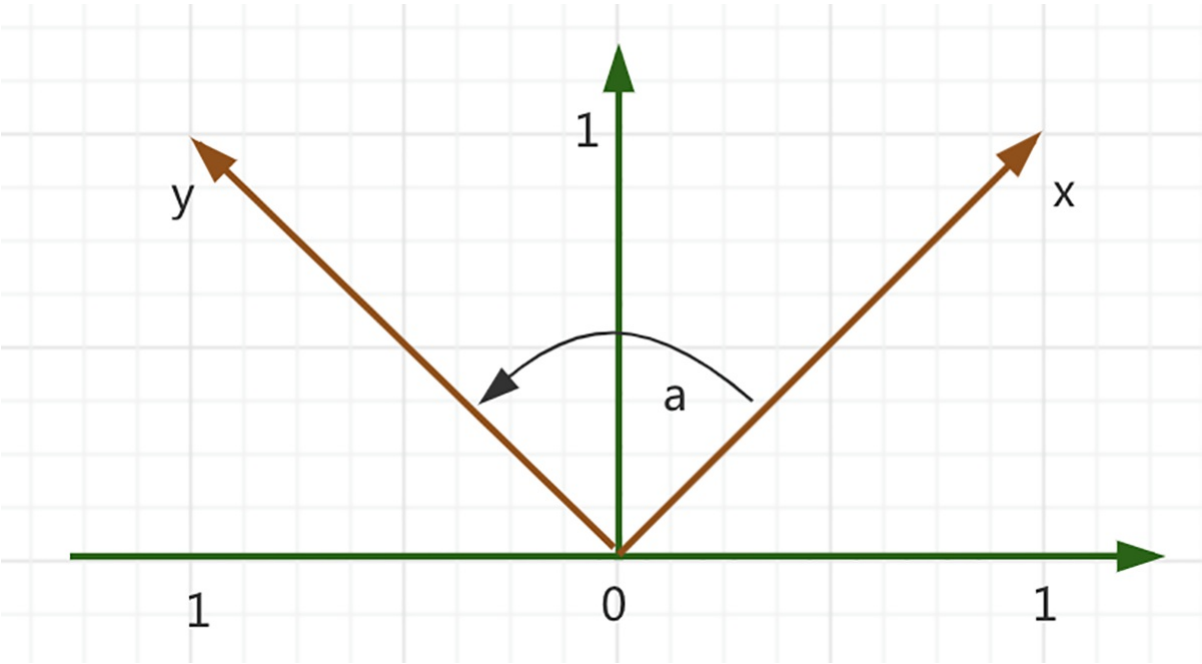
$$\text{\AA}^{-1}\text{\textcircled{\scriptsize{R}}}\text{\textcircled{\scriptsize{C}}}\text{\textcircled{\scriptsize{e}}}\text{\textcircled{\scriptsize{\mu}}}$$
[illegible]
$$\hat{a}^{-1}\check{\varsigma}\hat{s}^{\circ}\hat{a}\hat{f}\hat{a}\hat{f}\hat{s}\check{\varsigma}\check{Y}\check{C}\hat{e}\check{\mu}\hat{s},\hat{a}\hat{f}\hat{s}\hat{a}!\%ae^{-1}/\hat{s}\hat{a}!,ae\check{x}\hat{a}\hat{f}\hat{a},\hat{a}^{-1}\check{\varsigma}\hat{s}^{\circ}\check{\varsigma}\check{Y}\check{C}\hat{e}\check{\mu}\$A\hat{s}\hat{a}\pm\hat{z}\hat{a}^{\circ}\check{Z}\hat{a}\hat{e}^{-1}\hat{e}\check{\mu}\$R^{\wedge}\{n\hat{A}-n\}\$1/4\{C\hat{a}^{-1}\hat{a}\}\gg ae,\hat{e}\hat{z}\hat{e},\hat{a}^{\circ}\hat{e}\hat{z}\$x\$1/4\{C\hat{e}\hat{f}/\%ae\%\$x^{\wedge}\{T\}A\ x>0\$1/4\{C\hat{e},\hat{f}\hat{a}^{\circ}\$A\hat{s}\hat{a}^{\circ}\pm\hat{a}^{-1}\check{\varsigma}\hat{s}^{\circ}\hat{a}\hat{f}\hat{a}\hat{f}\hat{s}\check{\varsigma}\check{Y}\check{C}\hat{e}\hat{\mu}\hat{f},$$

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$$\text{C}^{\sim}\text{a}\text{Ea}, \text{a}^3\text{a}/\text{a}^1/4\text{Ee}^{\sim}\text{a}^{1/2}\text{a}\text{Z}^{\sim}\text{a}, \text{e}\text{e}\text{e}; \text{TMa}, \text{a}\text{Y}\text{C}\text{e}\text{u}\text{e}^{\sim}\text{a}^{-1}\text{c}\text{S}^{\circ}\text{a}\text{f}\text{a}\text{R}\text{S}\text{c}\text{Y}\text{C}\text{e}\text{u}\text{a}^{-1}/4\text{Y}$$
$$\begin{array}{l} 9 \text{ \& } 6 \\ 6 \text{ \& } 5 \end{array}$$
$$c^* a_i \sim 1/4 s a^- \bar{c} s, 1/4 (E a \otimes f a^- \bar{a}^-) c s^o a f a \otimes s c \bar{Y} \otimes e \sim \mu a e, \bar{a} \bar{a}, {}^o s x^{\wedge} \{T\} \wedge x > 0 s \bar{a} e,$$
$$\begin{array}{l} \text{\$\$} \\ x^{\{T\}} \ A \ x = \left[\begin{array}{l} \{I\} \\ x_{\{1\}} \ \& \ x_{\{2\}} \end{array} \right] \\ \end{array} \left[\begin{array}{l} \{I\} \\ 9 \ \& \ 6 \ \\\ 6 \ \& \ 5 \end{array} \right]$$



Let \mathbf{x} and \mathbf{y} be two vectors in a 2D space. The angle between them is denoted by θ . The dot product of \mathbf{x} and \mathbf{y} is given by $\mathbf{x} \cdot \mathbf{y} = |\mathbf{x}| |\mathbf{y}| \cos \theta$. In this case, $\mathbf{x} = (1, 0)$ and $\mathbf{y} = (0, 1)$, so $\mathbf{x} \cdot \mathbf{y} = 0$. This implies that the angle θ is 90° .





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 $P_{\{\Phi\}}=\frac{1}{b}\frac{1}{b^{\{T\}}}\{\{b\}^{\{2\}}\}$
 \$S\$

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 ¹/4Eæ[¬]â,¹/s3Dâ¼/â¼/çâ¼/â¼fçš,âæjâ”æçâçæ•°æ®âŽç/4©¹/4Eâ»Ÿâšæœ°â”TMâ|â”çš,èTMç»âç,

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è[¬]ç”â¹â°œâ¹â°çš,æEâ”œš•â¼±çš,æš•â¼±çY©çµç®—æ”¹/4EæŸè®jç®—â,çæjç°çjâšçš,æš•â¼±çY©çµšP_{\Phi}šâç,

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