Typst Syntax Equation Bank

Calculus	$\int_0^1 x^2 \, d\,x$
Calculus	$\int_a^b \dfrac{1}{1+x^2} \, d\,x$
Calculus	$\int_{(0)}^\infty e^{(-x)} \, d\,x$
Calculus	$\int_A f(x, y) \, d\,x \, d\,y$
Calculus	$\int_V \rho(x, y, z) \, d\,V$
Calculus	$\oint_C F \cdot d\,r$
Calculus	$\partial f - \partial x$
Calculus	$\partial^2 u - \partial x^2$
Calculus	$\lim_{(x \to 0)} \dfrac{\sin x}{x} = 1$
Calculus	$\lim_{(n \to \infty)} \left(1 + \dfrac{1}{n}\right)^n = e$

Calculus	$\dfrac{d}{dx}(x^3) = 3x^2$
Calculus	$\nabla \cdot F = 0$
Calculus	$\nabla \times F = 0$
Calculus	$\displaystyle\sum_{(k=1)}^{n} k = \dfrac{n(n+1)}{2}$
Calculus	$\displaystyle\prod_{(i=1)}^{n} i = n!$
Linear Algebra	$\begin{bmatrix} 1 \\ 2 \\ 3 \end{bmatrix}$
Linear Algebra	$\begin{bmatrix} a \\ b \\ c \end{bmatrix}$
Linear Algebra	$\begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$
Linear Algebra	$\begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}$
Linear Algebra	$A\,x = b$
Linear Algebra	$A^T A$

Linear Algebra	$\det = \lambda_1 \lambda_2$
Linear Algebra	$\text{rank}(A) \le n$
Linear Algebra	$\ker \subseteq V$
Linear Algebra	$\text{im} \subseteq W$
Linear Algebra	$x \cdot y = 0$
Linear Algebra	$x \times y$
Linear Algebra	$\|x\| = \sqrt{x_1^2 + x_2^2}$
Linear Algebra	$\left(\begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} \right)$
Linear Algebra	$A = U \, \Sigma \, V^T$
Logic	$\forall x \in \mathbb{R}, \exists y \in \mathbb{R}: y \ge x$
Logic	$\forall p, p \vee \neg p$

Logic	$p \wedge q \Rightarrow p$
Logic	$p \Leftrightarrow q$
Logic	$p \Rightarrow q$
Logic	$\neg (p \wedge q) \Leftrightarrow (\neg p) \vee (\neg q)$
Logic	$p \vdash q$
Logic	$\Gamma \vDash \varphi$
Logic	$\top \neq \bot$
Logic	$\exists x: P(x)$
Logic	$\alpha \rightarrow \beta$
Logic	$A \leq B \wedge B \leq C \Rightarrow A \leq C$
Set Theory	$x \in A$

Set Theory	$x \notin A$
Set Theory	$A \subset B$
Set Theory	$A \subseteq B$
Set Theory	$A \supseteq B$
Set Theory	$A \cup B$
Set Theory	$A \cap B$
Set Theory	$A \setminus B$
Set Theory	$\varnothing \subseteq A$
Set Theory	$\mathbb{R}^3 \subseteq \mathbb{C}^3$
Set Theory	$\mathbb{N} \subseteq \mathbb{Z} \subseteq \mathbb{Q} \subseteq \mathbb{R} \subseteq \mathbb{C}$
Set Theory	$f: A \to B$

Set Theory	f: A → B, x ↦ f(x)
Symbols and Operators	α + β = γ
Symbols and Operators	θ ≠ π
Symbols and Operators	λ ≥ 0
Symbols and Operators	∩ ≤ ν
Symbols and Operators	ξ ≈ ζ
Symbols and Operators	φ ≡ ψ
Symbols and Operators	$\aleph_0 < \infty$
Symbols and Operators	ℏ ω
Symbols and Operators	∠ ABC = 90°
Symbols and Operators	a ∥ b

Symbols and Operators	l ⊥ m
Symbols and Operators	$\sqrt{x^2 + y^2}$
Symbols and Operators	$\sqrt[3]{x}$
Symbols and Operators	$\dfrac{a + b}{c - d}$
Symbols and Operators	$\hat{x} + y + z$