here is the text

We use unicode-math package to support unicode math symbols, the following is a list of some common math symbols:

- α , β , γ , δ , ϵ , ζ , η , θ , ι , κ , λ , μ , ν , ξ , π , ρ , σ , τ , ν , ϕ , χ , ψ , ω
- A, B, Γ, Δ, E, Z, H, Θ, I, K, Λ, M, N, Ξ, Π, P, Σ, T, Υ, Φ, Χ, Ψ, Ω
- ∞ , ∂ , ∇ , \exists , \forall , \neg , \wedge , \vee , \Longrightarrow , \Longleftrightarrow , \subseteq , \supseteq , \cap , \cup , \setminus , \emptyset
- 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
- +, -, ×, ÷, =, <, >, ≤, ≥
- a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- $a, b, c, d, e, f, g, h, i, j, k, \ell, m, n, o, p, q, r, s, t, u, v, w, x, y, z$
- $\mathcal{A}, \mathcal{B}, \mathcal{C}, \mathcal{D}, \mathcal{E}, \mathcal{F}, \mathcal{G}, \mathcal{H}, \mathcal{I}, \mathcal{J}, \mathcal{K}, \mathcal{L}, \mathcal{M}, \mathcal{N}, \mathcal{O}, \mathcal{P}, \mathcal{Q}, \mathcal{R}, \mathcal{S}, \mathcal{T}, \mathcal{U}, \mathcal{V}, \mathcal{W}, \mathcal{X}, \mathcal{Y}, \mathcal{Z}$
- a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- a, b, c, d, e, f, g, h, i, j, t, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
- U, B, C, D, E, F, G, S, T, T, R, L, M, N, D, P, Q, R, S, T, U, B, M, X, D, 3
- A,B,C,D,E,F,G,H,J,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,X
- a, b, c, d, e, f, a, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
- A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
- a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z

Date: August 8, 2025, Author: Tianle Yang, My Homepage



1 theorems and definitions

There are two types of theorem environments, one is with background color, the other is without background color. The following is a list of theorem environments supported by this template:

Definition 1 (this is a definition). test

Proposition 2 (this is a proposition). test

Theorem 3 (this is a theorem). test

Lemma 4 (this is a lemma). test

Corollary 5 (this is a corollary). test

Question 6 (this is a question). test

Conjecture 7 (this is a conjecture). test

Example 8 (this is an example). test

Exercise 9 (this is an exercise). test

Remark 10 (this is a remark). test

this is a proof. test