LaTeX Researcher Toolkit – Cheat Sheet (No Conflicts)

Math Structures (Ctrl + Alt)

- F → \frac{}{}
- Q → \sqrt{}
- M → \mathbb{}
- B → \boxed{}
- T → \text{}
- S → \sum_{i=1}^{n}
- L → \lim_{x \to \infty}
- D → \displaystyle

Calculus Rules (Ctrl + Alt / Shift)

- I → \int_a^b f(x)\,dx
- Shift+J → \int f(x)\,dx
- N → \sum_{n=1}^{\infty}
- Shift+U → \lim_{x \to a^-}
- Shift+Y → \lim_{x \to a^+}
- Shift+N → \min_{x \in A}
- Shift+X → \max_{x \in A}

Reasoning Templates

- W → \text{Let } f : A \to B
- Shift+Z → \text{Assume } x \in \mathbb{R}
- ` → \text{By definition, ...}

Physics Templates (Ctrl + Alt + Shift)

- M → Maxwell
- S → Schrödinger
- E → Euler-Lagrange
- G → Einstein Field
- P → Poisson
- L → Laplace

Logic Symbols (Ctrl + Shift)

- A → \forall
- E → \exists
- N → \neg
- I → \in
- U → \cup
- C → \cap
- S → \subset
- R → \Rightarrow
- L → \Leftrightarrow

Greek Letters (Ctrl + Shift / Win)

- 1–0 → \alpha to \omega
- Win+1–Win+0 → \Gamma to \Omega

Environments (Ctrl + Alt)

- E → equation
- A → align
- X → \[\]
- Z → inline $ $
- V → itemize
- P → proof

Communication Tags (Ctrl + Alt)

- J → // My thought:
- K → // Next step:
- Y → // Can you explain this:
- H → // Result:
- U → // Uncertainty or question: