Test greek letters : $\alpha, \beta, \ldots, \pi, \varpi, \ldots, \phi, \varphi, \ldots, \omega$.
Test vectors: $\boldsymbol{a}, \boldsymbol{b}, \ldots, \boldsymbol{u}, \boldsymbol{v}, \boldsymbol{w}, \boldsymbol{x}, \boldsymbol{y}, \boldsymbol{z}, 0$.
Test matrices: $\boldsymbol{A}, \boldsymbol{B}, \ldots, \boldsymbol{Z}, \mathbb{1}$.
Test higher-order tensors: $\boldsymbol{\mathsf{A}}, \boldsymbol{\mathsf{B}}, \ldots, \boldsymbol{\mathsf{Z}}$.
Test mathematical constants: $\mathrm{i}, \pi, \mathrm{e}, \gamma$.
Test standard functions: $\zeta(z), \Gamma(z), \delta(x) = \delta_0(x), \delta = \delta_0, \operatorname{sgn}(x)$.

$$\int x \,\mathrm{d}\, x$$

$$\int \begin{pmatrix} a & b \\ c & d \\ e & f \\ g & h \\ i & j \\ k & l \end{pmatrix}_x^y$$

$$\begin{pmatrix} a & b \\ c & d \\ e & f \\ g & h \\ i & j \\ k & l \end{pmatrix} \int_x^y$$

$$xyxy\,xy\,xyxy$$

$$\int_2^3 x \,\mathrm{d}\, x \neq \int_2^3 x \,\mathrm{d}\, x \neq \int_2^3 x \,\mathrm{d}\, x$$

$$\int_0^1 \begin{pmatrix} a & b \\ c & d \\ e & f \\ g & h \\ i & j \\ k & l \end{pmatrix}$$

$$\lambda \,\mathrm{A}\, h$$
$$\lambda \mathrm{A} h$$
$$\lambda \,A\, h$$
$$\lambda \,A\, h$$
$$\lambda A h$$

Saw a, b and c.
Saw [a][b], c and d.
Saw [a][b], c and [d][f].
Saw 1, 2, 3, 4 and 5.
Saw [a][], x[a][e][[y][y]], [e][j], a and σ.