

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

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

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

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

$$xyxy\,xy\,xyxy$$

$$\int\limits_2^3 x \, \mathrm{d} \, x \neq \int\limits_2^3 x \, \mathrm{d} \, x \neq \int\limits_2^3 x \, \mathrm{d} \, x$$

$$\int\limits_0^1 \begin{pmatrix} a & b \\ c & d \\ e & f \\ g & h \\ i & j \\ k & l \end{pmatrix} \begin{pmatrix} a & b \\ c & d \end{pmatrix} \mathrm{d} \, a$$

$$\lambda \, A \, h$$

$$\lambda A h$$

$$\lambda \, A \, h$$

$$\lambda \, A \, h$$

$$\lambda A h$$

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 .

$$\int\limits_{\mathbb{R}^n}\int\limits_{\mathbb{R}^n}f(x,y)\,\mathrm{d}x\,\mathrm{d}y\neq\int\limits_0^1x\,\mathrm{d}x$$