

	As rendered by TeX	As rendered by your browser
1	x^2y^2	x2y2
2	${}_2F_3$	F32
3	$\frac{x+y^2}{k+1}$	x+y2k+1
4	$x+y^{\frac{2}{k+1}}$	x+y2k+1
5	$\frac{a}{b/2}$	ab/2
6	$a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$	a0+1a1+1a2+1a3+1a4
7	$a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$	a0+1a1+1a2+1a3+1a4
8	$\binom{n}{k/2}$	(nk/2)
9	$\binom{p}{2}x^2y^{p-2} - \frac{1}{1-x}\frac{1}{1-x^2}$	(p2)x2yp-2-11-x11-x2

10

$$\sum_{\substack{0 \leq i \leq m \\ 0 \leq j \leq n}} P(i, j)$$

$$\hat{0} \hat{\times} i \hat{\times} m 0 \leq j \leq n P(i, j)$$

11

$$x^{2y}$$

$$x^2y$$

12

$$\sum_{i=1}^p \sum_{j=1}^q \sum_{k=1}^r a_{ij} b_{jk} c_{ki}$$

$$\hat{a}i=1\hat{p}\hat{j}=1\hat{q}\hat{k}=1raijbjkcki$$

13

$$\sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + x}}}}}}}$$

$$1+1+1+1+1+1+1+x$$

14

$$\left(\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2} \right) |\varphi(x + iy)|^2 = 0$$

$$(\hat{2}\hat{x}^2+\hat{2}\hat{y}^2)|\hat{\varphi}(x+iy)|^2=0$$

15

$$2^{2^{2^x}}$$

$$2^{22x}$$

16

$$\int_1^x \frac{dt}{t}$$

$$\hat{a}«1xdt\hat{t}$$

17

$$\iint_D dx \, dy$$

$$\hat{a}\neg Ddx\hat{d}y$$

18

$$f(x) = \begin{cases} 1/3 & \text{if } 0 \leq x \leq 1; \\ 2/3 & \text{if } 3 \leq x \leq 4; \\ 0 & \text{elsewhere.} \end{cases}$$

$$f(x)=\{1/3\text{if } 0\hat{\times}x\hat{\times}1;2/3\text{if } 3\hat{\times}x\hat{\times}4;0\text{elsewhere.}$$

19

$$\overbrace{x + \cdots + x}^{k \text{ times}}$$

$$x+\ldots+x\hat{a}ktimes$$

20	y_{x^2}	y_{x^2}
21	$\sum_{p \text{ prime}} f(p) = \int_{t>1} f(t) \, d\pi(t)$	$\hat{=} \int_{t>1} f(t) d\pi(t)$
22	$\overbrace{\{a, \dots, a, b, \dots, b\}}^{k \text{ } a\text{'s} \quad l \text{ } b\text{'s}}$ $k+l \text{ elements}$	$\{(a, \dots, a) \cup (b, \dots, b) \}$ $k \text{ } a\text{'s}, l \text{ } b\text{'s}$
23	$\left(\begin{pmatrix} a & b \\ c & d \end{pmatrix} \quad \begin{pmatrix} e & f \\ g & h \end{pmatrix} \right)$ $0 \quad \begin{pmatrix} i & j \\ k & l \end{pmatrix}$	$((abcd)(efgh)0(ijkl))$
24	$\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$	$\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$
25	y_{x_2}	y_{x_2}
26	$x_{92}^{31415} + \pi$	$x_{92}^{31415} + \pi$
27	$x_{y_b^a}^{z_c^d}$	$x_{y_b^a}^{z_c^d}$
28	y_3'''	y_3'''