

Math 330 - Formulas in plain text format

Plain text formulas for typed Math 330 homework, quizzes and exams:

<p>01. \sqrt{x}</p> <p>02. fractions $\frac{x-5+3}{6y-5.5}$</p> <p>03. exponentiation x^y</p> <p>04. subscripts x_n, A_i, \dots</p> <p>05. $\sum_{j=1}^n x, \int_a^b f(t)dt$</p> <p>06. binomial coefficients $\binom{n}{k}$</p>	<p>... type this</p> <p>sqrt(x)</p> <p>(x - 5 + 3/(6y - 5.5))</p> <p>x^y</p> <p>x_n, A_i, ...</p> <p>sum[x : j=1 to n], int[f(t) dt : t=a to b]</p> <p>[n choose k]</p>
<p>07. Logical implication $\Rightarrow, \Leftarrow, \Leftrightarrow,$</p> <p>08. $x \in X, A \subseteq B, f : X \rightarrow Y$</p> <p>09. The special sets $\mathbb{N}, \mathbb{Z}, \mathbb{Q}, \mathbb{R}$</p> <p>$\infty, -\infty$</p> <p>$[0, 1]_{\mathbb{Z}}, [a, \infty[_{\mathbb{Q}}$</p> <p>10. Set operations $A \cap B, A \cup B, A \setminus B,$ $A \Delta B, A^c$ Use caps in connection with subscripts $\bigcup_{n=0}^k A_n, \bigcap_{j \in J} B_j, \dots$</p> <p>11. Norms (linear algebra) $\ x\ , \ x\ _2,$ $\ x\ _{\infty};$ inner product $x \bullet y$</p> <p>12. $\lim_{k \rightarrow \infty} x_k, \sup_{j \in J} z_j, \min_{3 \leq m \leq n} a_m$</p>	<p>... type this</p> <p>==>, <==, <==></p> <p>x in X, A subset B, f : X -> Y</p> <p>\$N\$, \$Z\$, \$Q\$, \$R\$</p> <p>infty, -infty</p> <p>[0, 1]_Z\$, [a, infty [_Q\$</p> <p>A \$u\$ B, A \$i\$ B, A - B, A \$d\$ B, A ^ c</p> <p>\$U\$ [A_n : n=0 to k], \$I\$ [B_j : j in J], ...</p> <p>norm(x), norm_2 (x) , norm_infty (x); iprod(x, y)</p> <p>lim[x_k : k=1 to infty] or lim x_k as k -> infty, sup { z_j : j in J }, min(a_3, a_4, ... a_n)</p>

There will be additions to this list as I see what else you might need.