$$\geq \tag{1}$$

$$\ni \tag{2}$$

$$\propto \tag{3}$$

$$\gg \tag{4}$$

$$x^2 + y^2 = r^2 \tag{5}$$

$$\pm \tag{6}$$

$$\div \tag{7}$$

$$\times \tag{8}$$

$$\star \tag{9}$$

$$\dot{x}, \ddot{x}, \dddot{x}, \ddddot{x} \tag{10}$$

$$x_i, x^2 \tag{11}$$

$$\sum, \sum_{i=1}^{20} \tag{12}$$

$$\frac{\partial y}{\partial x} \tag{13}$$

Updated value $\quad x = x^{\text{low}} + yd$.

$$
\begin{aligned}
\text{Minimize} \quad & f(\boldsymbol{x}) \\
\text{Subject to} \quad & g_i(\boldsymbol{x}) \leq 0; \quad i = 1, \ldots, m \\
& h_k(\boldsymbol{x}) = 0; \quad k = 1, \ldots, p \\
& x_j \geq 0; \quad\quad j = 1, \ldots, n
\end{aligned}
$$