Some equations:

$$a_i + b_j = 10 \tag{1}$$

$$c_j + d_j + a_i >= 30 \tag{2}$$

$$x + y = 400$$

$$\frac{100}{x}$$

A integral:

$$V(z) = \sum_{\kappa=0}^{\infty} \int_0^{\infty} \frac{\mathrm{e}^{-\lambda x} \cdot (\lambda x)^{\kappa}}{\kappa!}\, b(x)\, \mathrm{d}x \cdot z^{\kappa} \tag{3}$$

The code used:

```
\documentclass{article}
\usepackage{amsmath,amssymb}
\usepackage[customcolors]{hitkz}
\usepackage{xcolor}

\setfillcolor{blue!10}
\setbordercolor{blue}

\begin{document}
Some equations:
\begin{align}
\tikzmarkin{a1}a_i\tikzmarkend{a1} + b_j = 10 \\
\tikzmarkin{c}c_j + d_j + a_i >= 30 \tikzmarkend{c}
\end{Huge}

\[\tikzmarkin{a}x+y=400\tikzmarkend{a}\]

A integral:
\begin{equation}
V(z)=\sum_{\kappa=0}^{\infty}{\; \exttikzmarkin{k} \int_{0}^{\infty}{
\dfrac{\mathrm{e}^{-\lambda x}\cdot (\lambda x)^{\kappa}}{\kappa!} \, b(x)\,\mathrm{d} x}
\cdot z^{\kappa} \exttikzmarkend{k}}
\end{equation}
```