

$$\begin{aligned}
\text{Minimize } Z^1 &= (75\circ, 8\circ\circ, 85\circ)x_1 \oplus (48, 5\circ, 55)x_2 \oplus \cdots \\
&\oplus (19\circ\circ, 2\circ\circ\circ, 21\circ\circ)x_{29} \oplus (22\circ, 23\circ, 24\circ)x_{30}. \\
\text{Minimize } Z^2 &= (\circ/1, \circ/2, \circ/3)x_1 \oplus (2/3, 3/3, 4/3)x_2 \oplus \cdots \oplus (\circ, \circ, \circ)x_{29} \oplus (\circ, \circ, \circ)x_{30}. \\
\text{subject to } &(95, 97, 98)x_1 \oplus (262, 266, 267)x_2 \oplus \cdots \oplus (3\circ\circ, 3\circ4, 3\circ6)x_{29} \\
&\oplus (385, 387, 39\circ)x_{30} \geq (18\circ\circ, 19\circ\circ, 2\circ\circ\circ). \tag{1} \\
&(21/1, 21/1, 22)x_1 \oplus (48, 5\circ/2, 52)x_2 \oplus \cdots \\
&\oplus (\circ, \circ, \circ)x_{29} \oplus (99, 1\circ\circ, 1\circ1)x_{30} \geq (19\circ, 195, 2\circ\circ). \\
&\vdots \\
&(8, 1\circ, 12)x_1 \oplus (98, 1\circ\circ, 1\circ2)x_2 \oplus \cdots \\
&\oplus (\circ/3, \circ/5, \circ/6)x_{29} \oplus (\circ, \circ, \circ)x_{30} \geq (34\circ\circ, 35\circ\circ, 36\circ\circ).
\end{aligned}$$