

$$\text{Minimize } Z^1 = (75\circ, 8\circ\circ, 85\circ)x_1 \oplus (48, 5\circ, 55)x_2 \oplus \dots \oplus (19\circ\circ, 2\circ\circ\circ, 21\circ\circ)x_{29} \oplus (22\circ, 23\circ, 24\circ)x_{30}.$$

$$\text{Minimize } Z^2 = (\circ/1, \circ/2, \circ/3)x_1 \oplus (2/2, 2/2, 4/2)x_2 \oplus \dots \oplus (\circ, \circ, \circ)x_{29} \oplus (\circ, \circ, \circ)x_{30}.$$

subject to (1)

$$(95, 97, 98)x_1 \oplus (262, 266, 267)x_2 \oplus \dots \oplus (3\circ\circ, 3\circ4, 3\circ6)x_{29} \oplus (285, 287, 29\circ)x_{30} \geq (18\circ\circ, 19\circ\circ, 2\circ\circ\circ)$$

$$(21/1, 21/1, 22)x_1 \oplus (48, 5\circ/2, 52)x_2 \oplus \dots \oplus (\circ, \circ, \circ)x_{29} \oplus (99, 1\circ\circ, 1\circ1)x_{30} \geq (19\circ, 195, 2\circ\circ)$$

$\vdots$

$$(8, 1\circ, 12)x_1 \oplus (98, 1\circ\circ, 1\circ2)x_2 \oplus \dots \oplus (\circ/2, \circ/5, \circ/6)x_{29} \oplus (\circ, \circ, \circ)x_{30} \geq (24\circ\circ, 25\circ\circ, 26\circ\circ)$$