

$$\text{Minimize } Z^{\mathfrak{I}} = (\mathfrak{V}\mathfrak{O}\circ, \mathfrak{A}\circ\circ, \mathfrak{A}\mathfrak{O}\circ)x_{\mathfrak{I}} \oplus (\mathfrak{F}\mathfrak{A}, \mathfrak{O}\circ, \mathfrak{O}\mathfrak{O})x_{\mathfrak{r}} \oplus \dots \oplus (\mathfrak{I}\mathfrak{q}\circ\circ, \mathfrak{r}\circ\circ\circ, \mathfrak{r}\mathfrak{I}\circ\circ)x_{\mathfrak{r}\mathfrak{q}} \oplus (\mathfrak{r}\mathfrak{r}\circ, \mathfrak{r}\mathfrak{r}\circ, \mathfrak{r}\mathfrak{f}\circ)x_{\mathfrak{r}\circ}$$

$$\text{Minimize } Z^{\mathfrak{r}} = (\circ/\mathfrak{I}, \circ/\mathfrak{r}, \circ/\mathfrak{r})x_{\mathfrak{I}} \oplus (\mathfrak{r}/\mathfrak{r}, \mathfrak{r}/\mathfrak{r}, \mathfrak{f}/\mathfrak{r})x_{\mathfrak{r}} \oplus \dots \oplus (\circ, \circ, \circ)x_{\mathfrak{r}\mathfrak{q}} \oplus (\circ, \circ, \circ)x_{\mathfrak{r}\circ}$$

$$\text{subject to} \quad (\mathfrak{q}\mathfrak{O}, \mathfrak{q}\mathfrak{V}, \mathfrak{q}\mathfrak{A})x_{\mathfrak{I}} \oplus (\mathfrak{r}\mathfrak{f}\mathfrak{r}, \mathfrak{r}\mathfrak{f}\mathfrak{f}, \mathfrak{r}\mathfrak{f}\mathfrak{V})x_{\mathfrak{r}} \oplus \dots \oplus (\mathfrak{r}\circ\circ, \mathfrak{r}\circ\mathfrak{f}, \mathfrak{r}\circ\mathfrak{f})x_{\mathfrak{r}\mathfrak{q}} \oplus (\mathfrak{r}\mathfrak{A}\mathfrak{O}, \mathfrak{r}\mathfrak{A}\mathfrak{V}, \mathfrak{r}\mathfrak{q}\circ)x_{\mathfrak{r}\circ} \geq (\mathfrak{I}\mathfrak{A}\circ\circ, \mathfrak{I}\mathfrak{q}\circ)$$

$$(\mathfrak{r}\mathfrak{I}/\mathfrak{I}, \mathfrak{r}\mathfrak{I}/\mathfrak{I}, \mathfrak{r}\mathfrak{r})x_{\mathfrak{I}} \oplus (\mathfrak{f}\mathfrak{A}, \mathfrak{O}\circ/\mathfrak{r}, \mathfrak{O}\mathfrak{r})x_{\mathfrak{r}} \oplus \dots \oplus (\circ, \circ, \circ)x_{\mathfrak{r}\mathfrak{q}} \oplus (\mathfrak{q}\mathfrak{q}, \mathfrak{I}\circ\circ, \mathfrak{I}\circ\mathfrak{I})x_{\mathfrak{r}\circ} \geq (\mathfrak{I}\mathfrak{q}\circ, \mathfrak{I}\mathfrak{q}\mathfrak{O})$$

$$\vdots$$

$$(\mathfrak{A}, \mathfrak{I}\circ, \mathfrak{I}\mathfrak{r})x_{\mathfrak{I}} \oplus (\mathfrak{q}\mathfrak{A}, \mathfrak{I}\circ\circ, \mathfrak{I}\circ\mathfrak{r})x_{\mathfrak{r}} \oplus \dots \oplus (\circ/\mathfrak{r}, \circ/\mathfrak{O}, \circ/\mathfrak{f})x_{\mathfrak{r}\mathfrak{q}} \oplus (\circ, \circ, \circ)x_{\mathfrak{r}\circ} \geq (\mathfrak{r}\mathfrak{f}\circ\circ, \mathfrak{r}\mathfrak{O})$$