

Minimize

$$Z^{\mathfrak{I}} = (\mathfrak{V}\mathfrak{O}\circ, \mathfrak{A}\circ\circ, \mathfrak{A}\mathfrak{O}\circ)x_{\mathfrak{I}} \oplus (\mathfrak{F}\mathfrak{A}, \mathfrak{O}\circ, \mathfrak{O}\mathfrak{O})x_{\mathfrak{I}} \oplus \cdots$$

$$\oplus (\mathfrak{I}\mathfrak{Q}\circ\circ, \mathfrak{I}\circ\circ\circ, \mathfrak{I}\mathfrak{I}\circ\circ)x_{\mathfrak{I}\mathfrak{Q}} \oplus (\mathfrak{I}\mathfrak{I}\circ, \mathfrak{I}\mathfrak{I}\circ, \mathfrak{I}\mathfrak{F}\circ)x_{\mathfrak{I}\circ}.$$

Minimize

$$Z^{\mathfrak{I}} = (\circ/\mathfrak{I}, \circ/\mathfrak{I}, \circ/\mathfrak{I})x_{\mathfrak{I}} \oplus (\mathfrak{I}/\mathfrak{I}, \mathfrak{I}/\mathfrak{I}, \mathfrak{F}/\mathfrak{I})x_{\mathfrak{I}} \oplus \cdots \oplus (\circ, \circ, \circ)x_{\mathfrak{I}\mathfrak{Q}} \oplus (\circ, \circ, \circ)x_{\mathfrak{I}\circ}.$$

subject to

$$(\mathfrak{Q}\mathfrak{O}, \mathfrak{Q}\mathfrak{V}, \mathfrak{Q}\mathfrak{A})x_{\mathfrak{I}} \oplus (\mathfrak{I}\mathfrak{F}\mathfrak{I}, \mathfrak{I}\mathfrak{F}\mathfrak{F}, \mathfrak{I}\mathfrak{F}\mathfrak{V})x_{\mathfrak{I}} \oplus \cdots \oplus (\mathfrak{I}\circ\circ, \mathfrak{I}\circ\mathfrak{F}, \mathfrak{I}\circ\mathfrak{F})x_{\mathfrak{I}\mathfrak{Q}}$$

$$\oplus (\mathfrak{I}\mathfrak{A}\mathfrak{O}, \mathfrak{I}\mathfrak{A}\mathfrak{V}, \mathfrak{I}\mathfrak{Q}\circ)x_{\mathfrak{I}\circ} \geq (\mathfrak{I}\mathfrak{A}\circ\circ, \mathfrak{I}\mathfrak{Q}\circ\circ, \mathfrak{I}\circ\circ\circ).$$

$$(\mathfrak{I}\mathfrak{I}/\mathfrak{I}, \mathfrak{I}\mathfrak{I}/\mathfrak{I}, \mathfrak{I}\mathfrak{I})x_{\mathfrak{I}} \oplus (\mathfrak{F}\mathfrak{A}, \mathfrak{O}\circ/\mathfrak{I}, \mathfrak{O}\mathfrak{I})x_{\mathfrak{I}} \oplus \cdots$$

$$\oplus (\circ, \circ, \circ)x_{\mathfrak{I}\mathfrak{Q}} \oplus (\mathfrak{Q}\mathfrak{Q}, \mathfrak{I}\circ\circ, \mathfrak{I}\circ\mathfrak{I})x_{\mathfrak{I}\circ} \geq (\mathfrak{I}\mathfrak{Q}\circ, \mathfrak{I}\mathfrak{Q}\mathfrak{O}, \mathfrak{I}\circ\circ).$$

\vdots

$$(\mathfrak{A}, \mathfrak{I}\circ, \mathfrak{I}\mathfrak{I})x_{\mathfrak{I}} \oplus (\mathfrak{Q}\mathfrak{A}, \mathfrak{I}\circ\circ, \mathfrak{I}\circ\mathfrak{I})x_{\mathfrak{I}} \oplus \cdots$$

$$\oplus (\circ/\mathfrak{I}, \circ/\mathfrak{O}, \circ/\mathfrak{F})x_{\mathfrak{I}\mathfrak{Q}} \oplus (\circ, \circ, \circ)x_{\mathfrak{I}\circ} \geq (\mathfrak{I}\mathfrak{F}\circ\circ, \mathfrak{I}\mathfrak{O}\circ\circ, \mathfrak{I}\mathfrak{F}\circ\circ).$$