

Решить графическим методом задачи линейного программирования:

$$1, 8, 15, 22 \left\{ \begin{array}{l} -2x_1 - 3x_2 \rightarrow \min, \\ 2x_1 - 3x_2 \geq 12, \\ x_1 + x_2 \geq 2, \\ 3x_1 + 6x_2 \leq 24, \\ x_1, x_2 \geq 0; \end{array} \right.$$

$$2, 9, 16, 23 \left\{ \begin{array}{l} -x_1 - 2x_2 \rightarrow \min, \\ -x_1 + x_2 \geq -1, \\ x_1 - 2x_2 \leq 1, \\ x_1, x_2 \geq 0; \end{array} \right.$$

$$3, 10, 17, 24 \left\{ \begin{array}{l} -x_1 + x_2 \rightarrow \min, \\ 1 \leq x_1 + x_2 \leq 2, \\ 1 \leq x_1 - 2x_2 \leq 2, \\ x_1, x_2 \geq 0; \end{array} \right.$$

$$4, 11, 18, 25 \left\{ \begin{array}{l} -x_1 - x_2 \rightarrow \min, \\ x_1 + x_2 \leq 1, \\ x_1 - x_2 \geq 2, \\ x_1, x_2 \geq 0; \end{array} \right.$$

$$5, 12, 19, 26 \left\{ \begin{array}{l} 2x_1 + 3x_2 \rightarrow \max, \\ 2x_1 - 3x_2 \geq 12, \\ x_1 + x_2 \geq 2, \\ 3x_1 + 6x_2 \leq 24, \\ x_1, x_2 \geq 0; \end{array} \right.$$

$$6, 13, 20, 27 \left\{ \begin{array}{l} x_1 + 2x_2 \rightarrow \max, \\ -x_1 + x_2 \geq -1, \\ x_1 - 2x_2 \leq 1, \\ x_1, x_2 \geq 0; \end{array} \right.$$

$$7, 14, 21, 28 \left\{ \begin{array}{l} x_1 - x_2 \rightarrow \max, \\ 1 \leq x_1 + x_2 \leq 2, \\ 1 \leq x_1 - 2x_2 \leq 2, \\ x_1, x_2 \geq 0; \end{array} \right.$$