

演習問題

主問題は2変数

minimize

$$z = x_1 + 2x_2$$

subject to

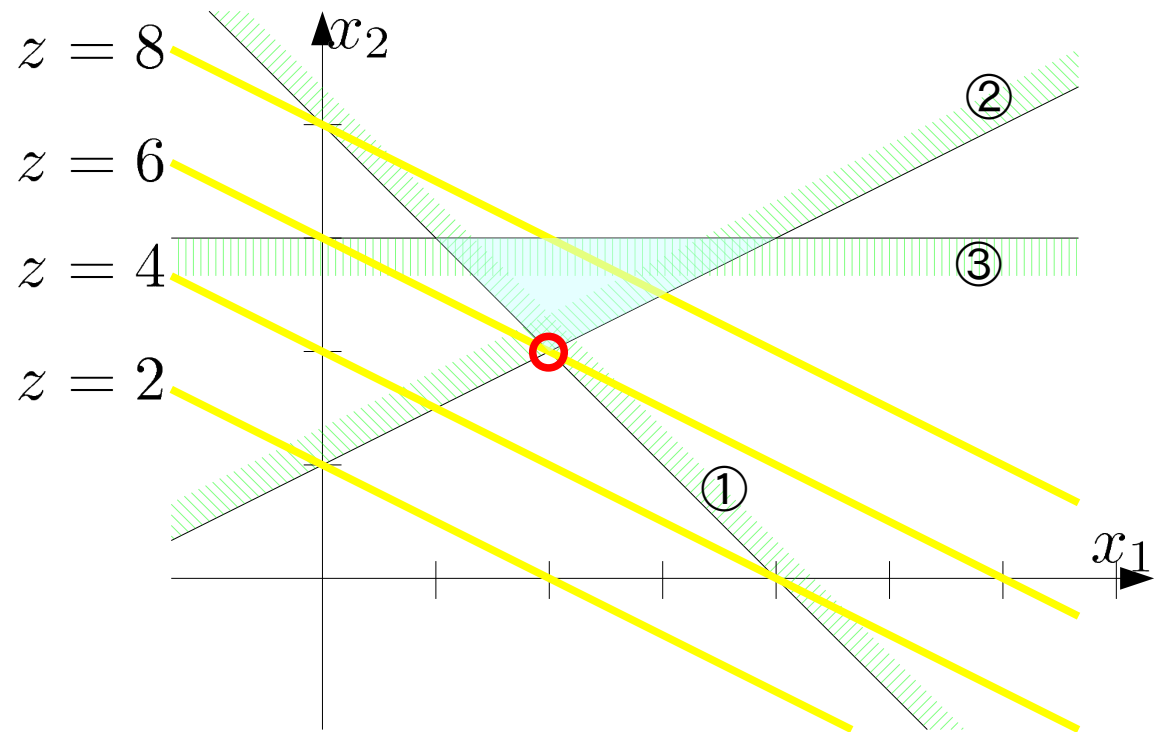
① $x_1 + x_2 \geq 4$

② $x_2 - 2x_1 + 2 \leq 0$

③ $x_2 \leq 3$

$$x_1, x_2 \geq 0$$

最適解:



$$z = 6, s_1 = 0, s_2 = 0, s_3 = 1, x_1 = 2, x_2 = 2$$