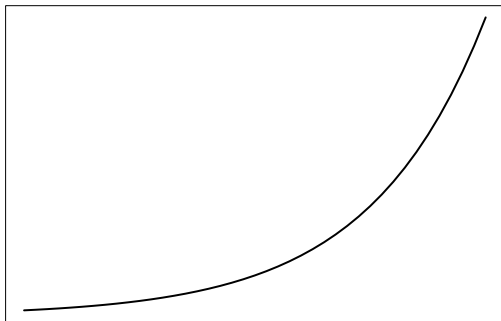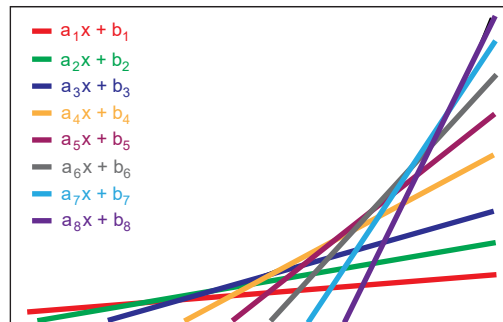Concentration of metabolite j (C_j)

Natural logarithm of the concentration of metabolite j (x_j)

Concentration of metabolite j (C_j)

- $a_1x + b_1$
- $a_2x + b_2$
- $a_3x + b_3$
- $a_4x + b_4$
- $a_5x + b_5$
- $a_6x + b_6$
- $a_7x + b_7$
- $a_8x + b_8$

Natural logarithm of the concentration of metabolite j (x_j)
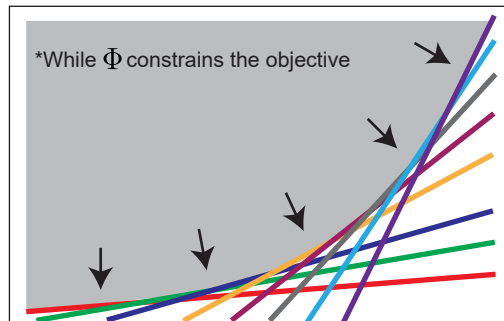
$$C_j^* \geq a_{s,j}x_j + b_{s,j}$$

$$\Phi \leq \sum_{j=1}^{J} C_j \leq \Phi - \theta$$

*While Φ constrains the objective

C_j^*

x_j