

# Metabolic Pathway

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This documents will rewrite some equation and some problems of **metabolic flux map**. I have no idea about the chemistry nor biology basic, but I do know about how to optimize a linear system. The set up of the model is shown below

$$\begin{array}{ll} \max \mu & (1) \\ \text{s.t.} & \\ \mathbf{S} \cdot \mathbf{v} = 0 & \end{array}$$

with: