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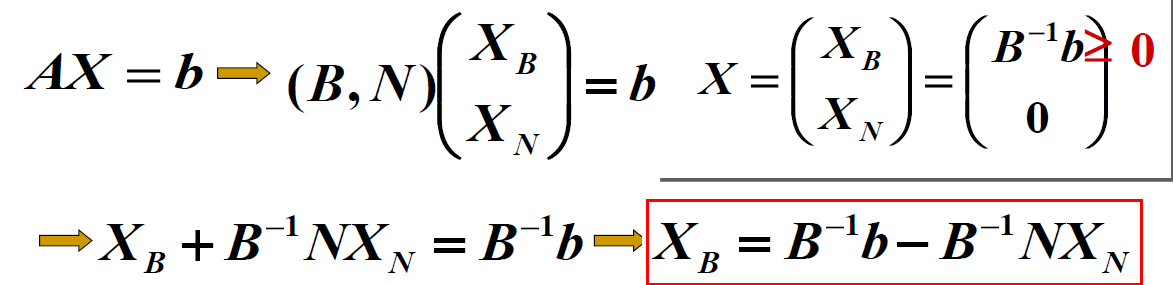
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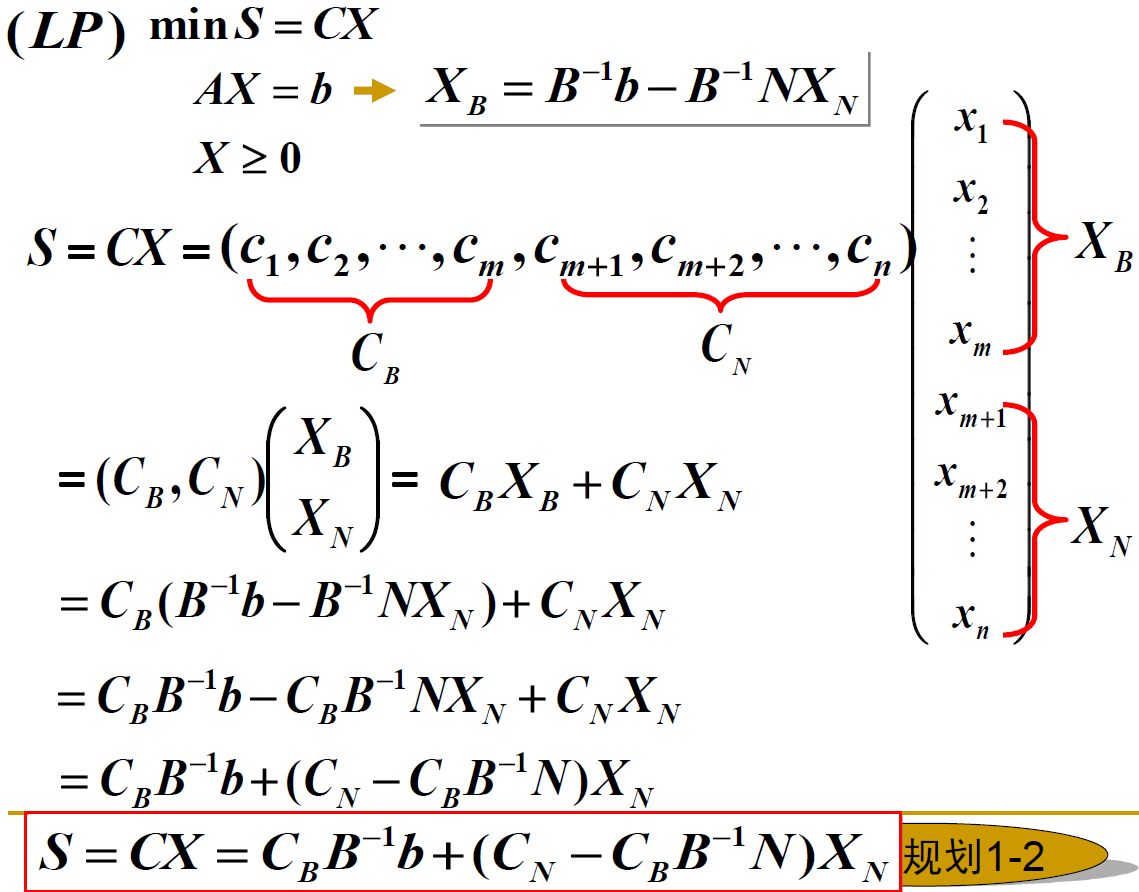
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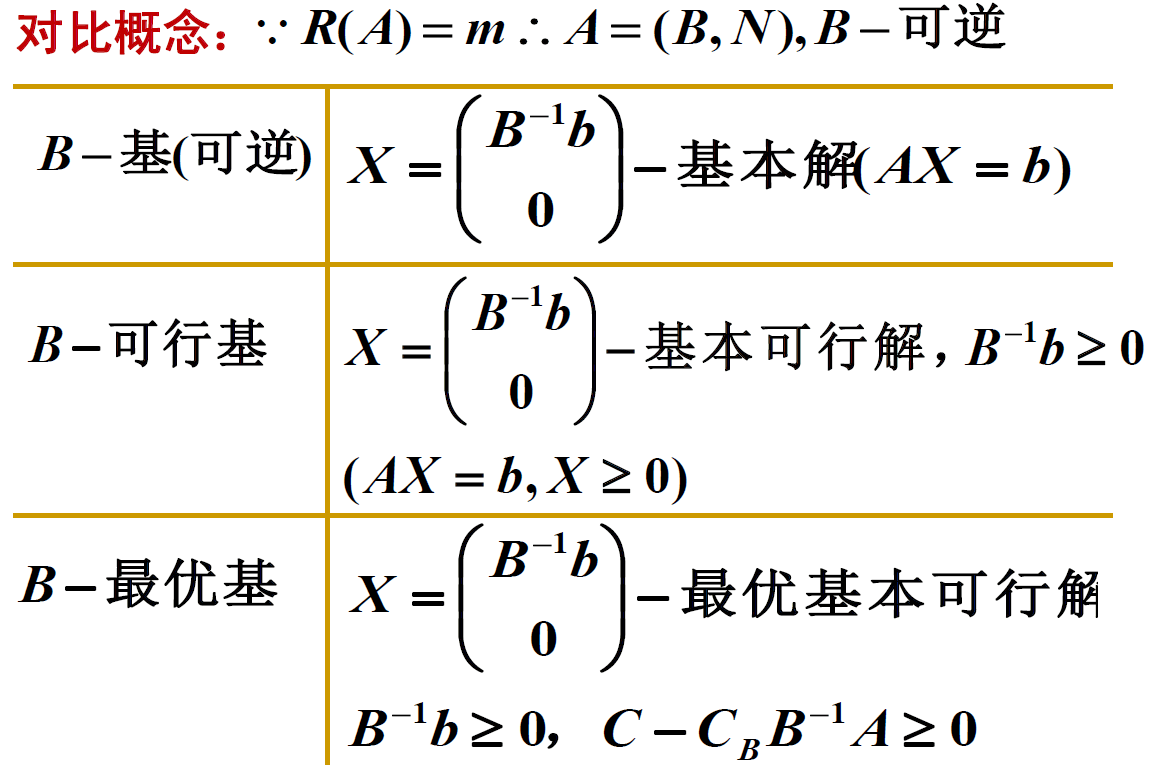
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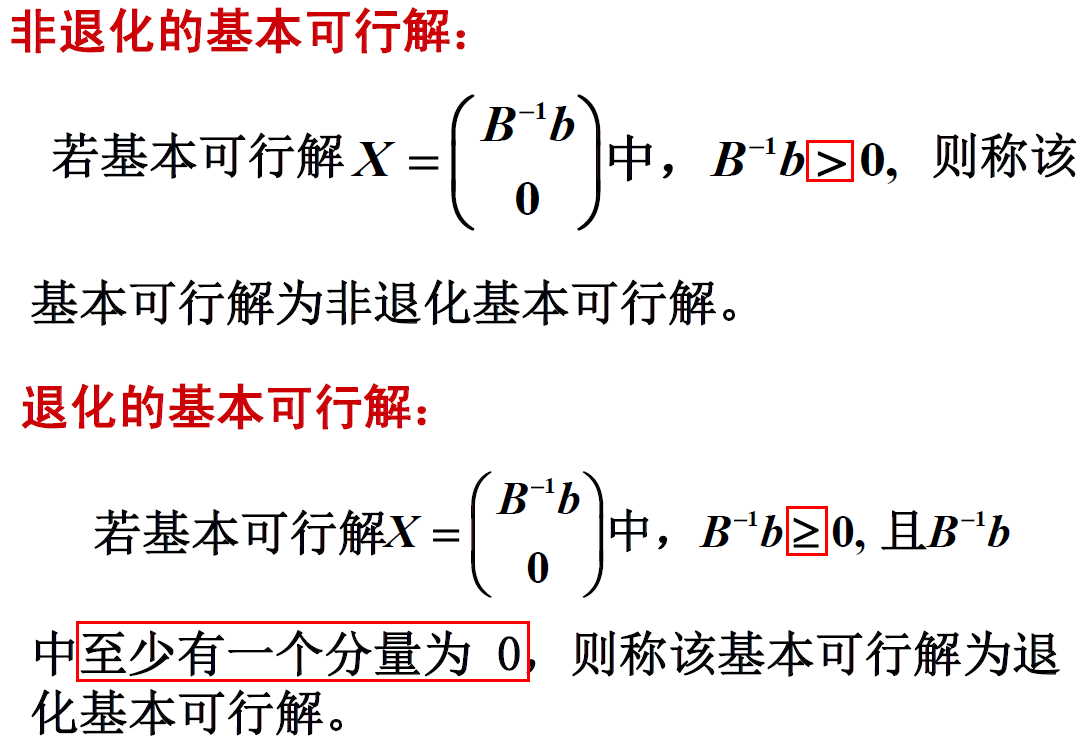
# 线性规划

## 1.2、基本概念和定理

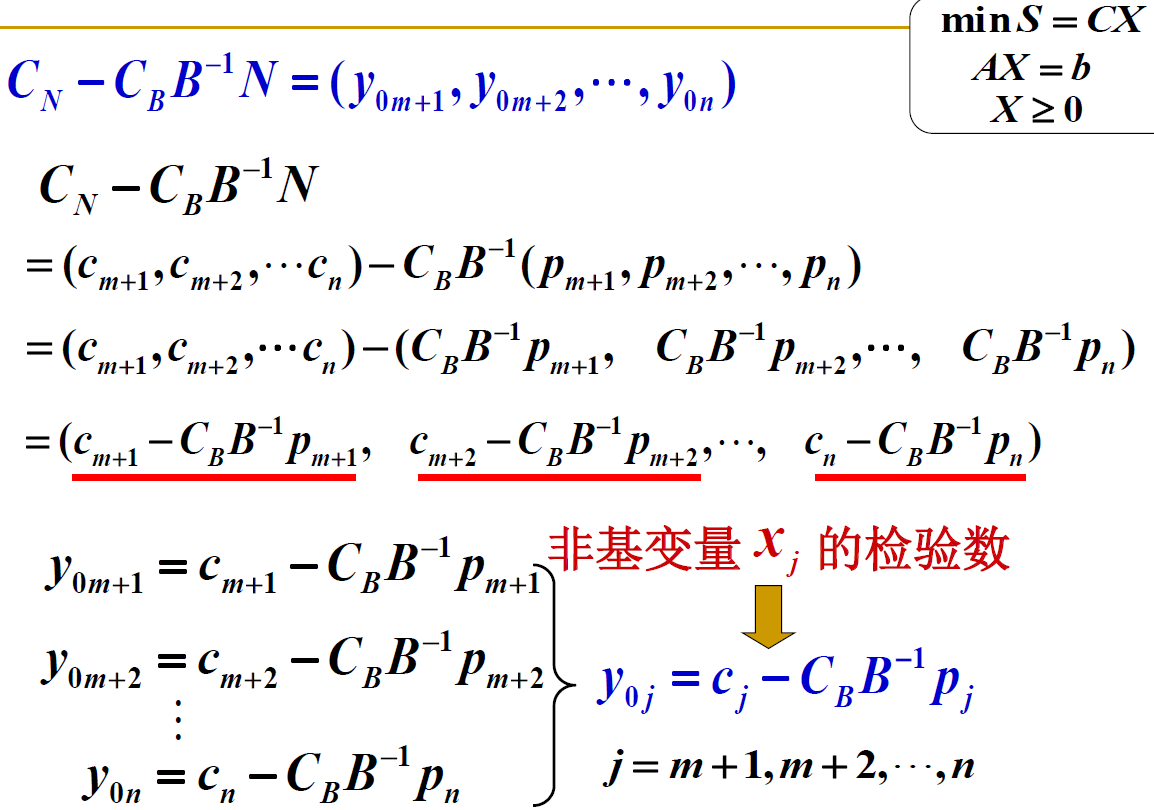




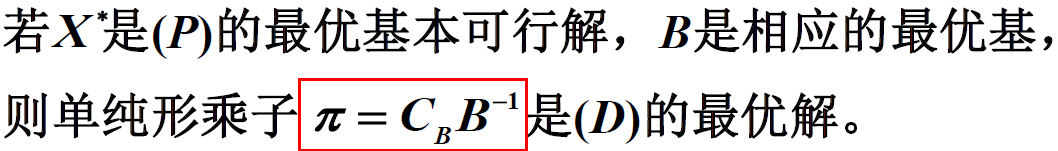




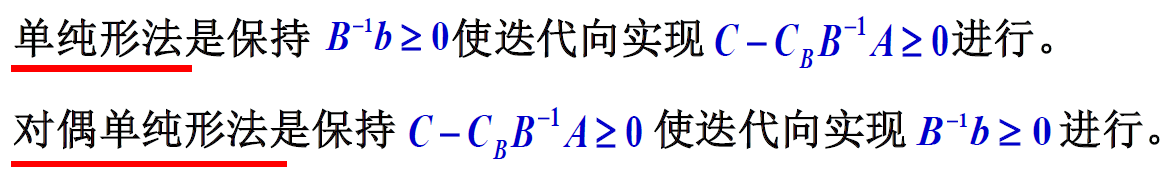
## 1.4、单纯形法

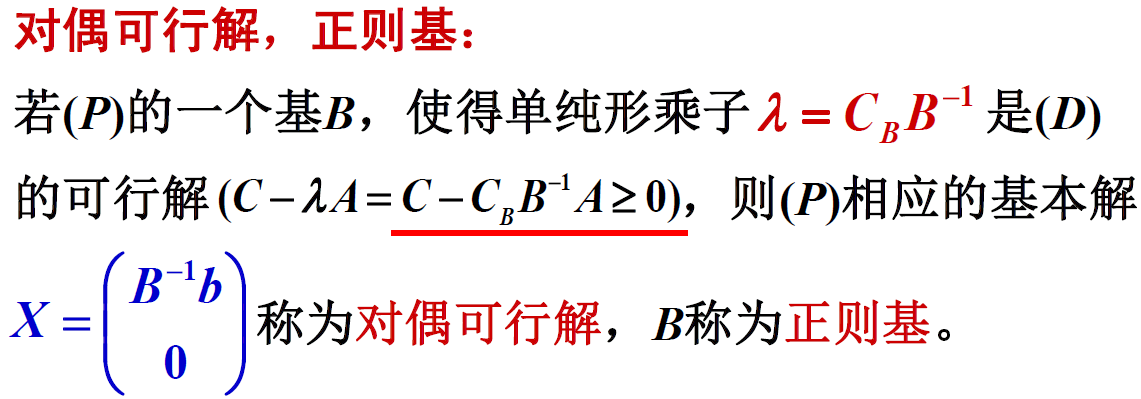


## 1.6、对偶规划



## 1.8、对偶单纯形

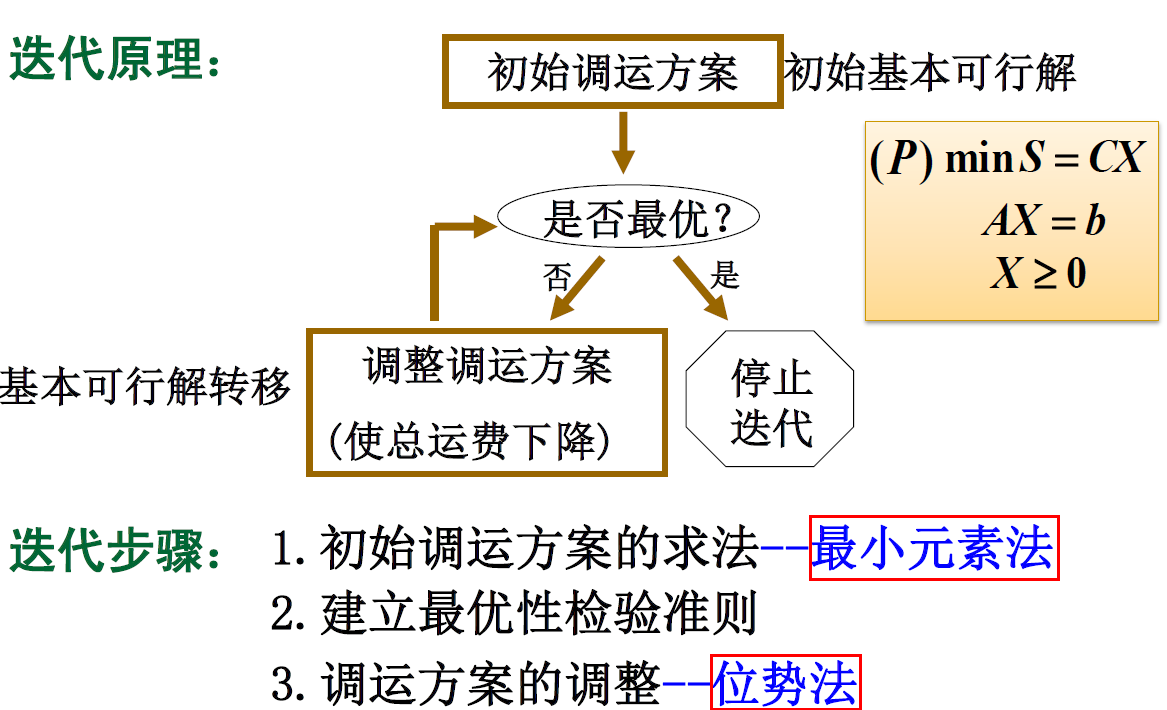




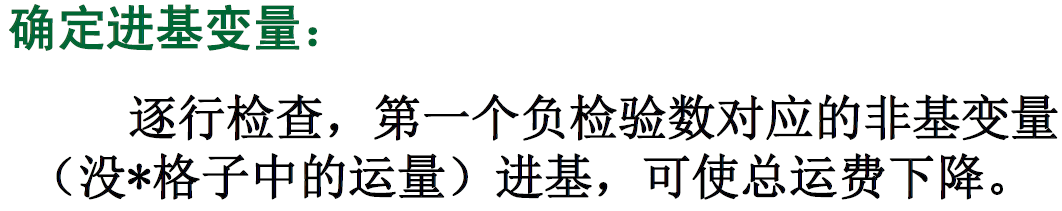
## 1.9、灵敏度分析

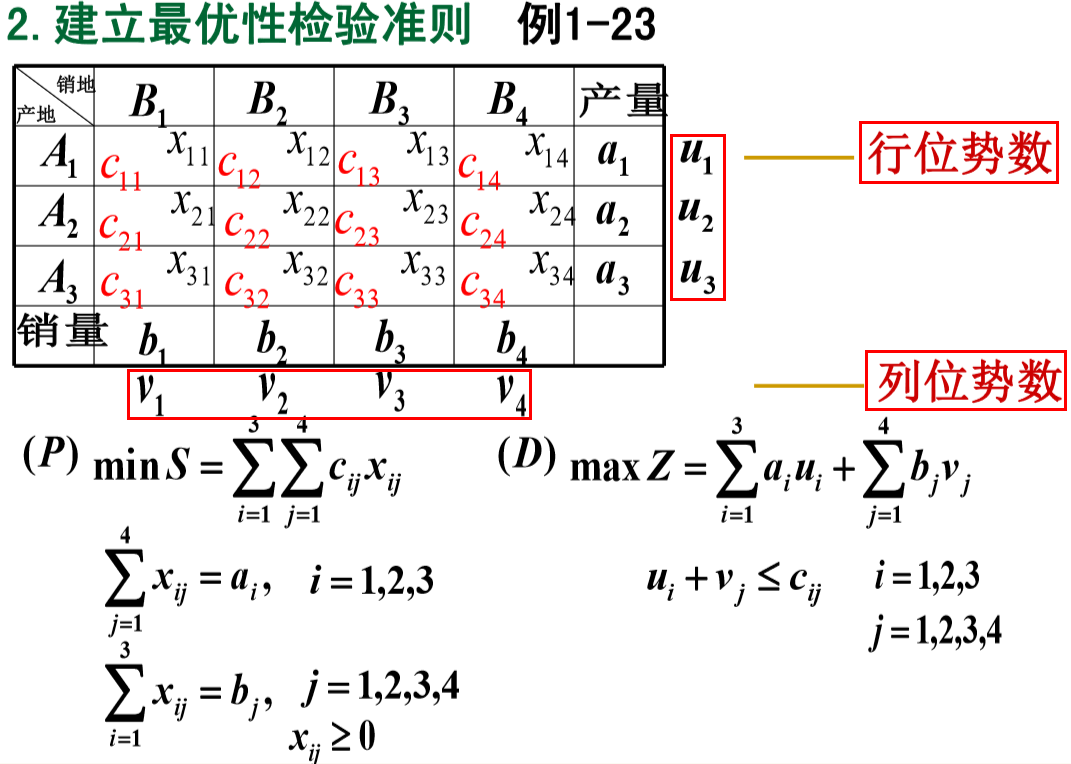
## 1.10、产销平衡运输问题

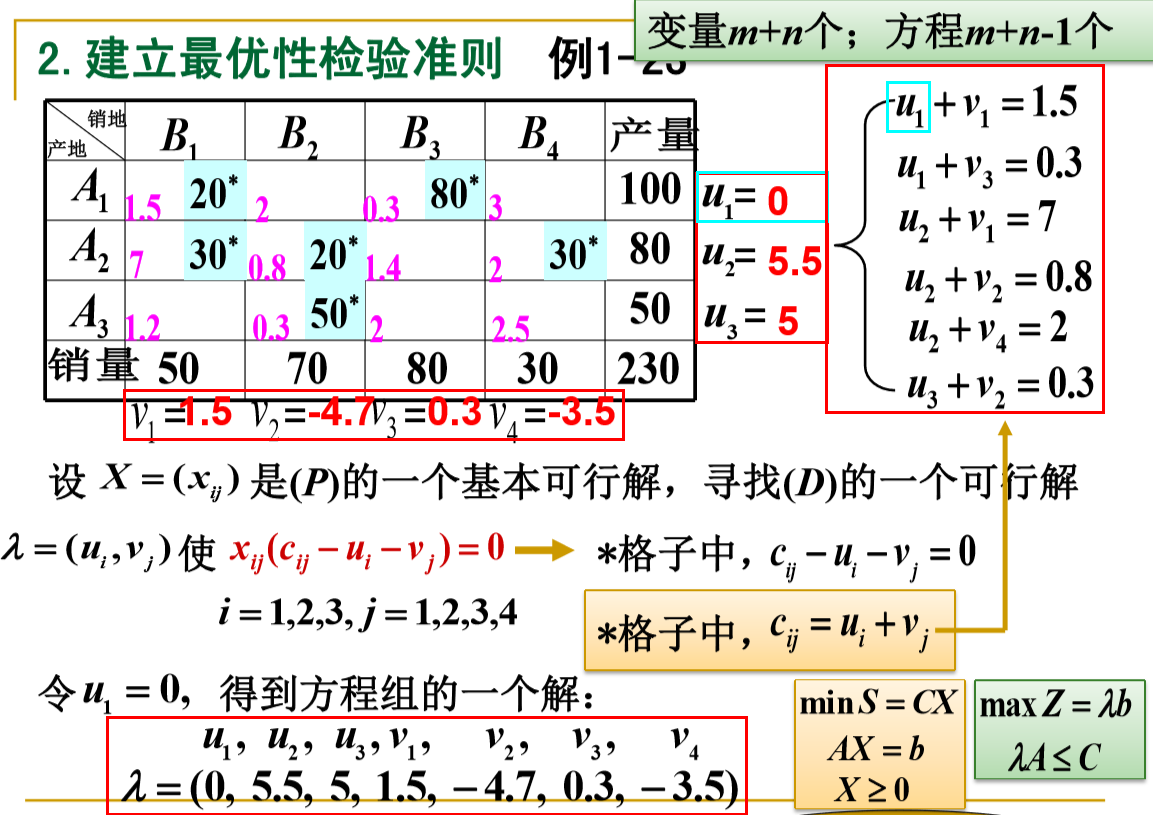


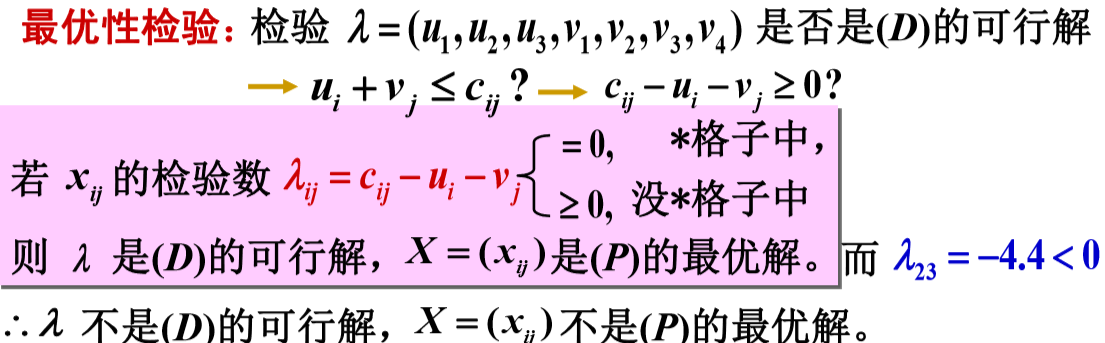










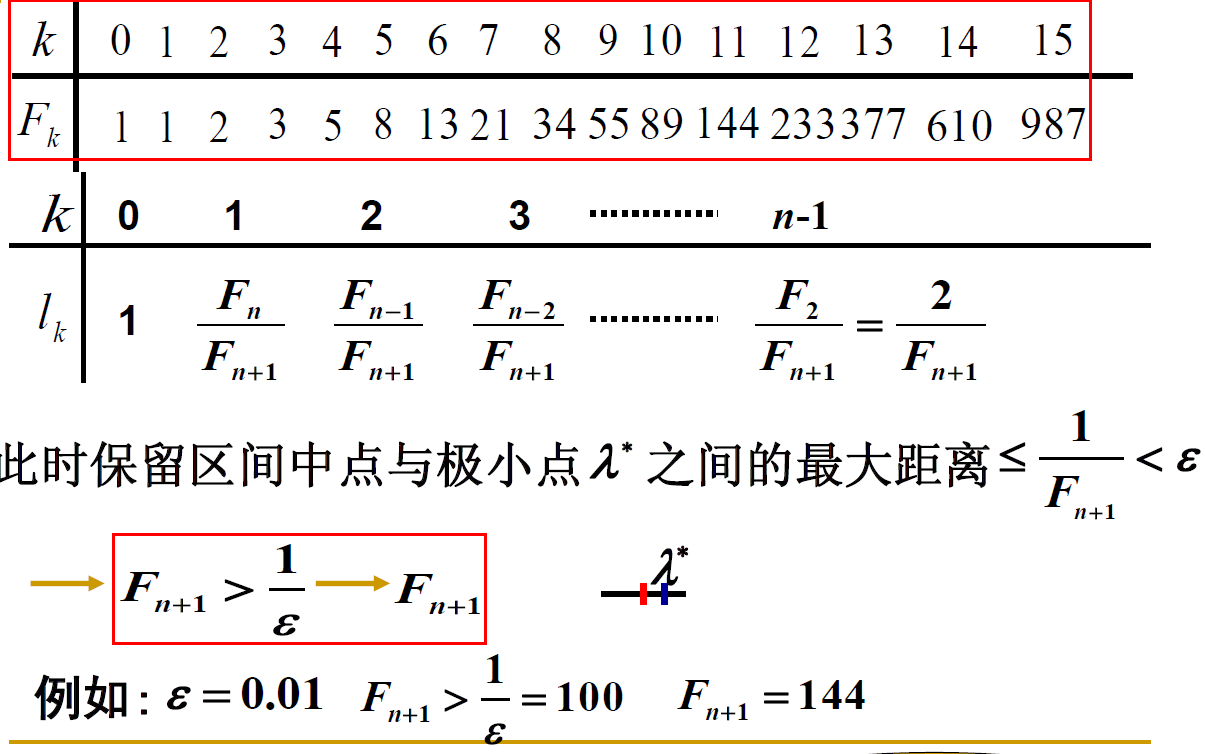


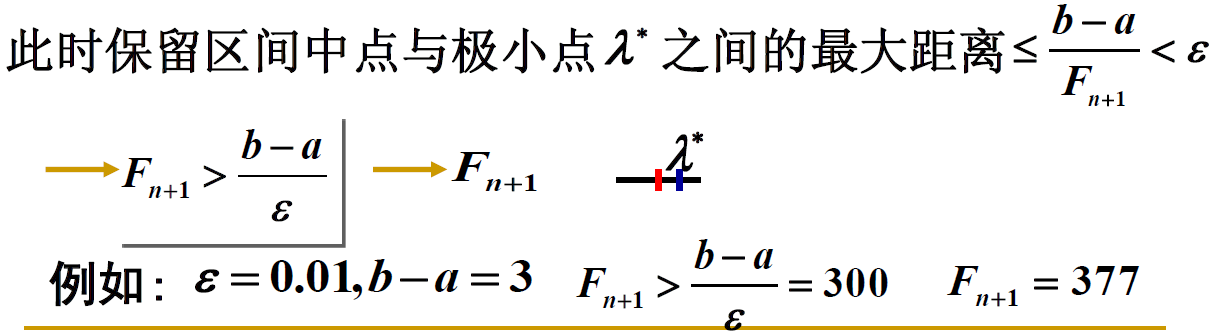


# 3、非线性规划

## 3.3、一维搜索

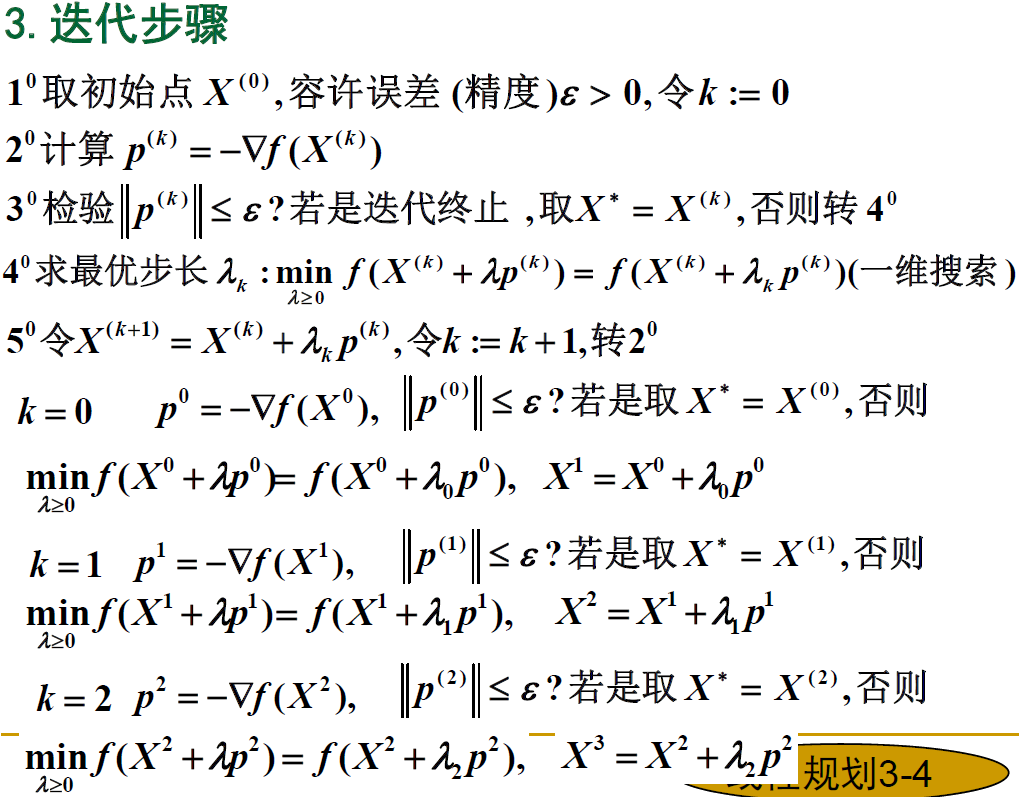


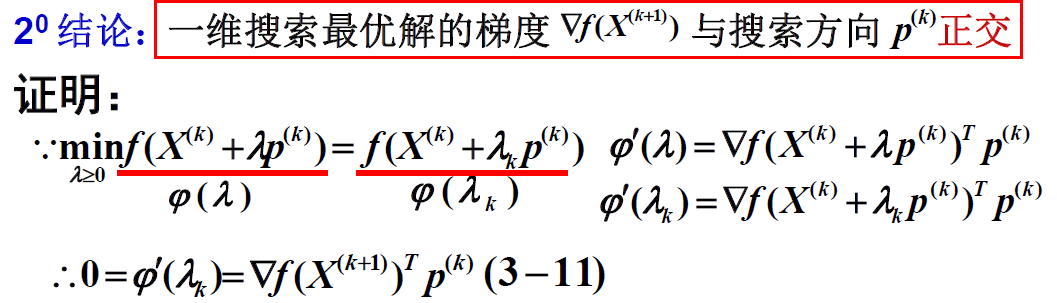


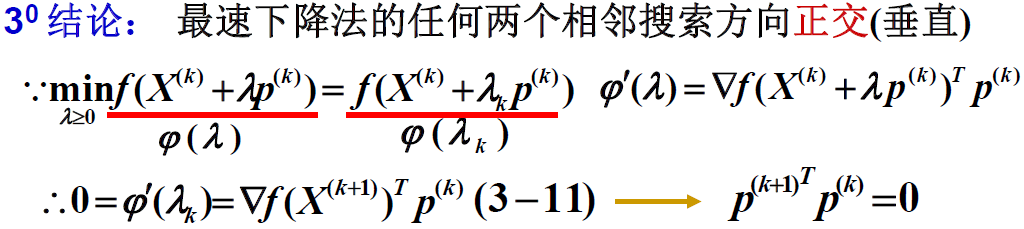


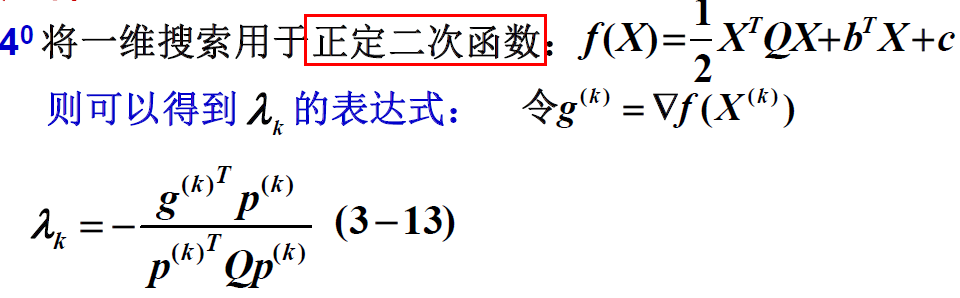
## 3.4、无约束优化

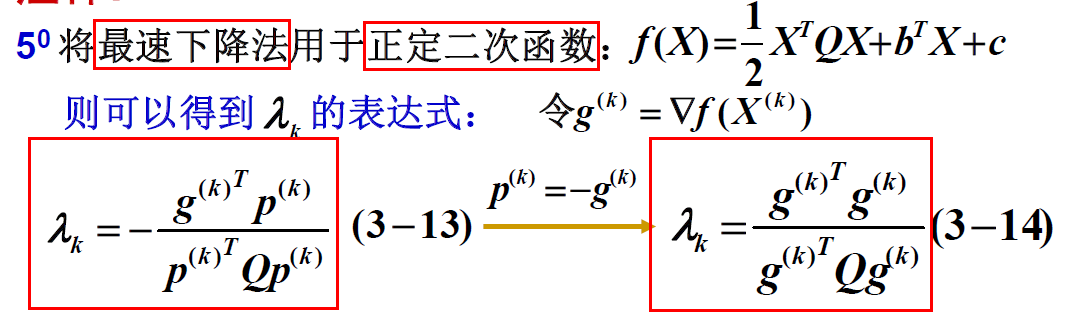
### 3.4.1、最速下降

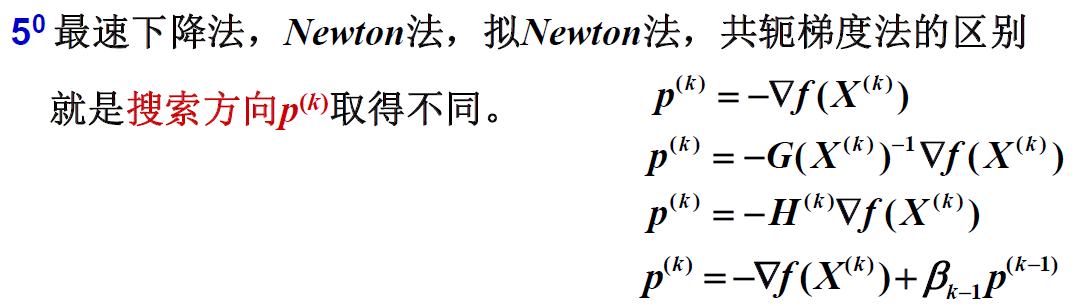






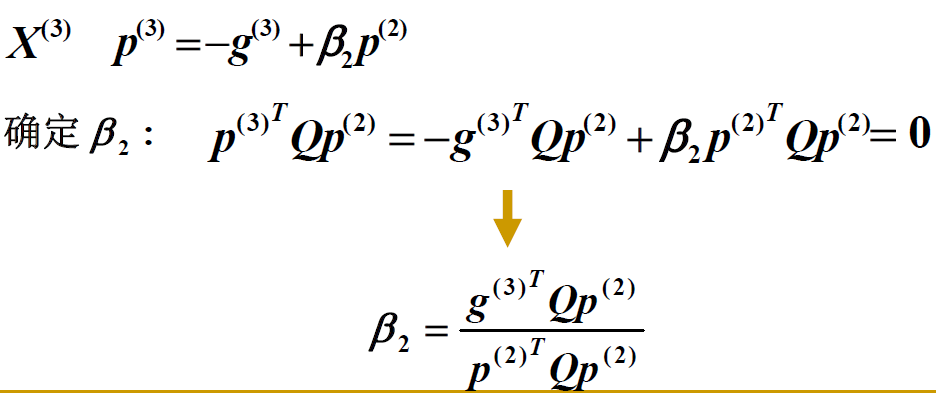


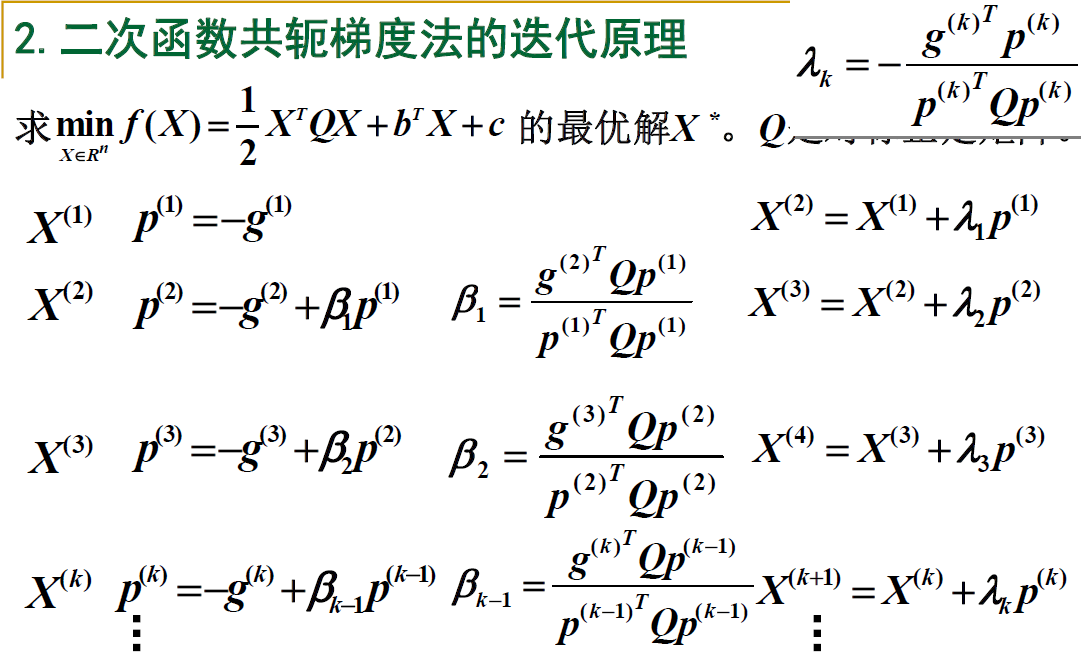




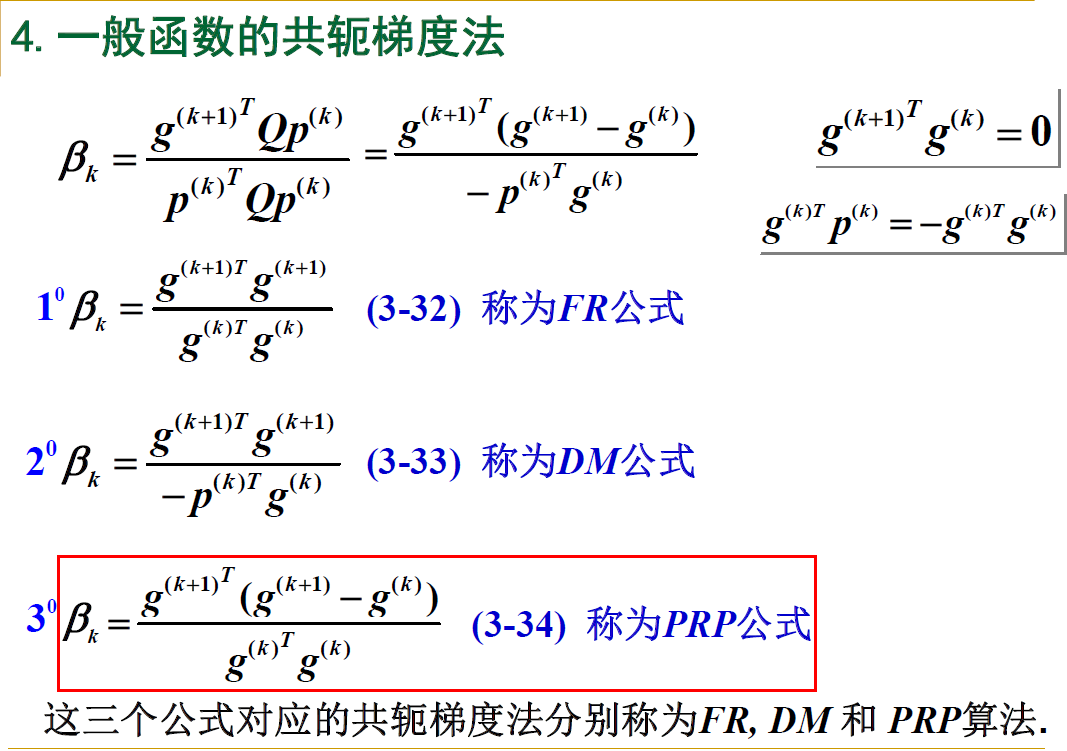
### 3.4.2、共轭梯度下降

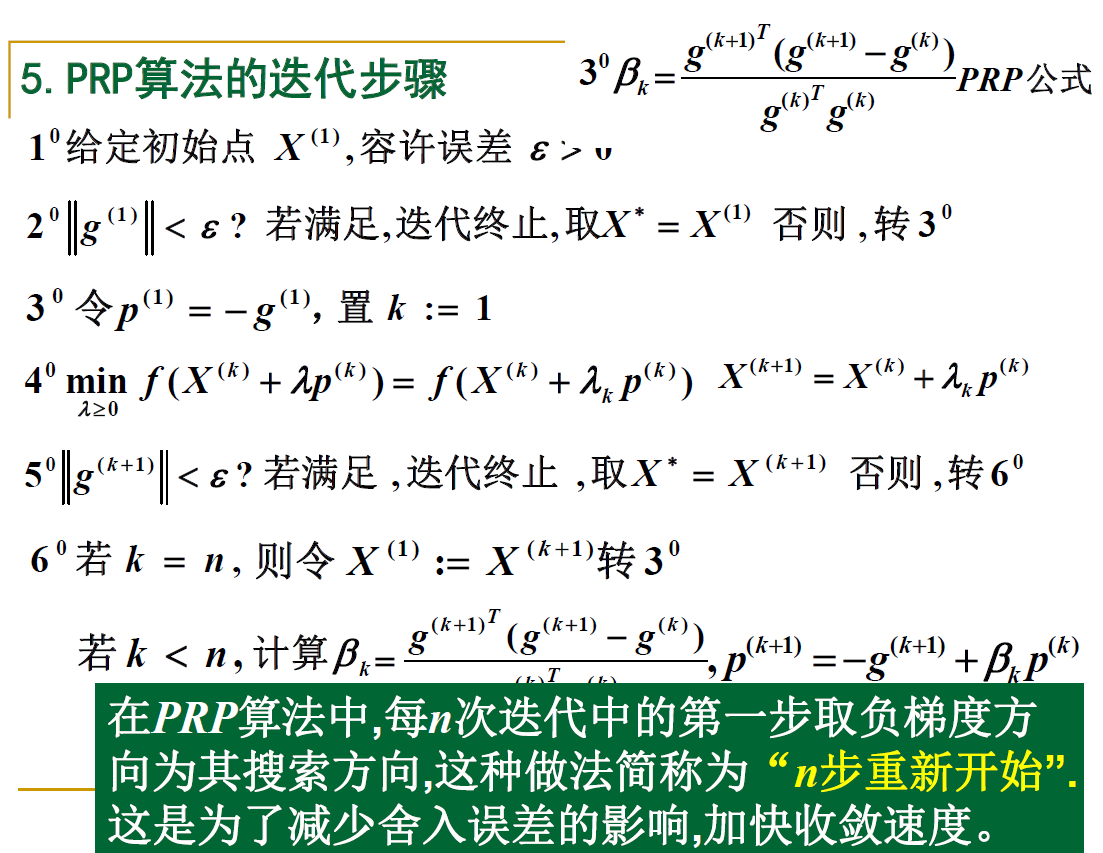






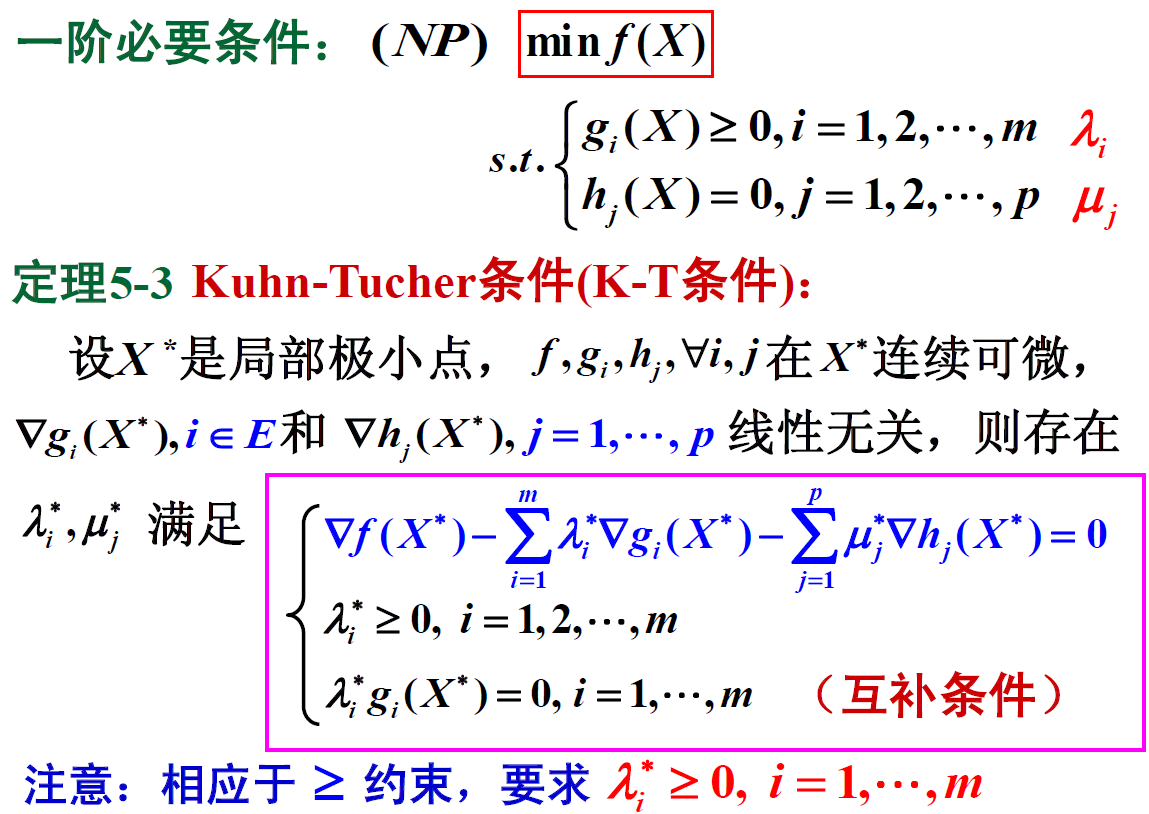


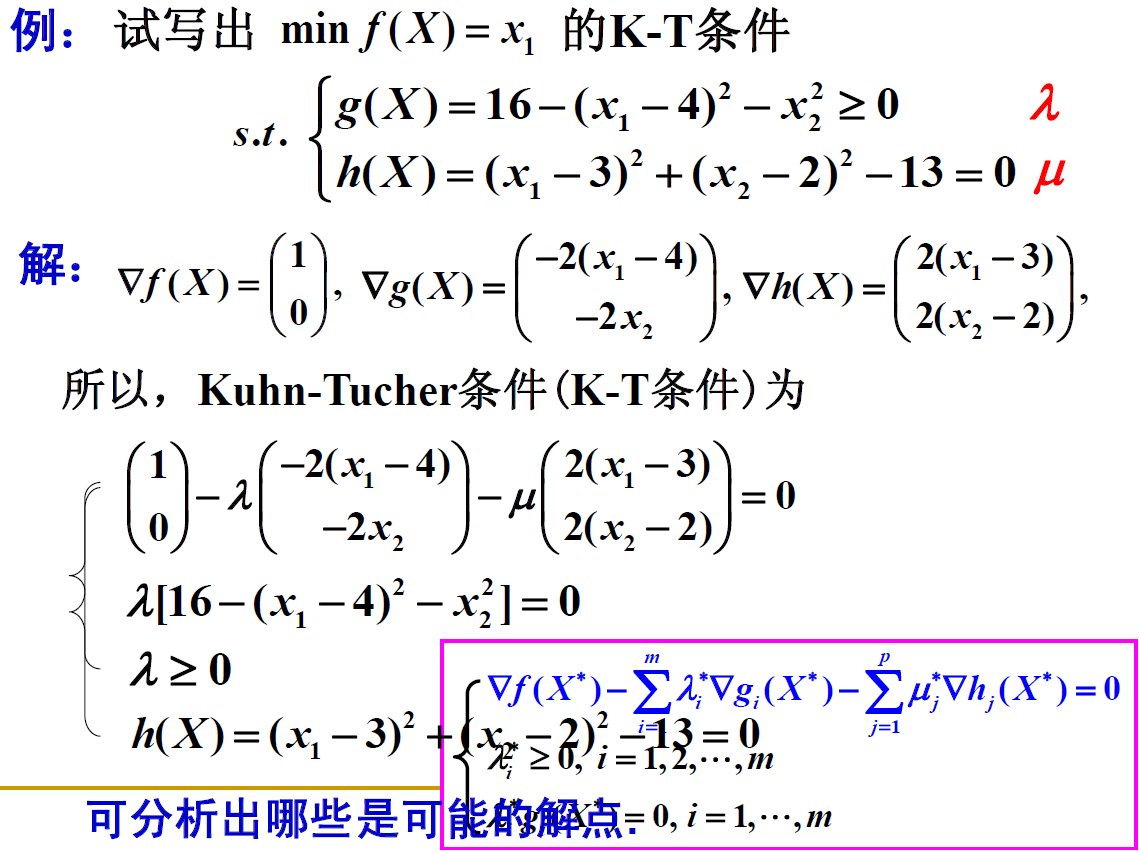




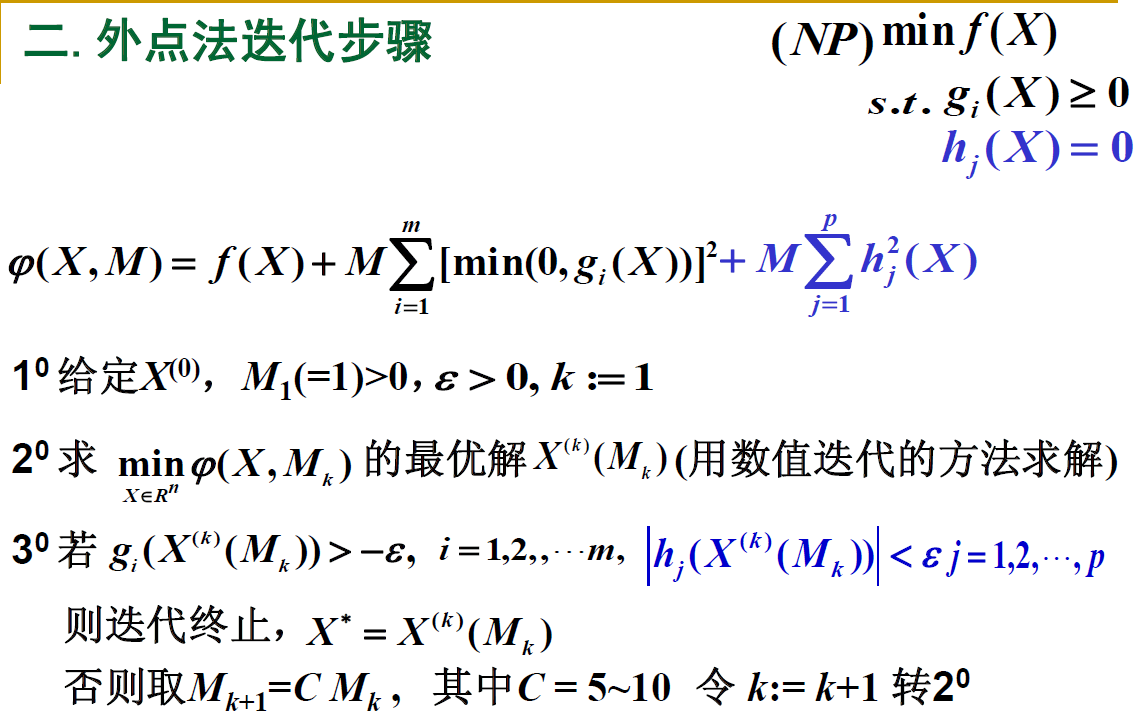
## 3.6、K-T+内外点法

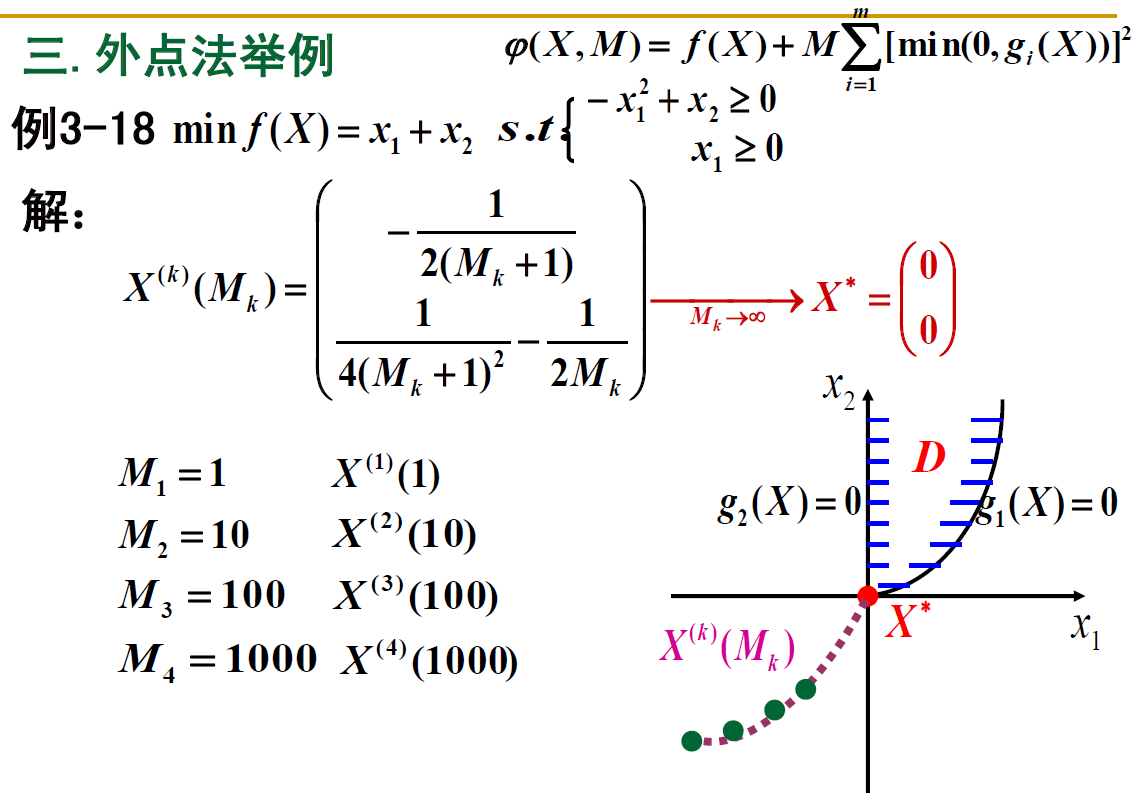
### 3.6.1、K-T条件



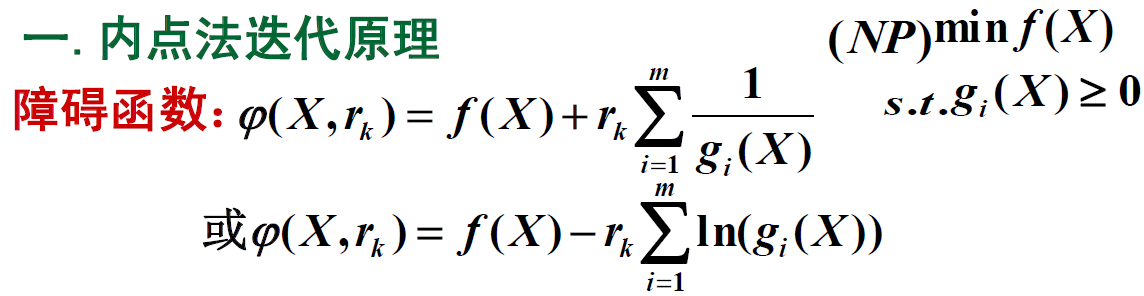


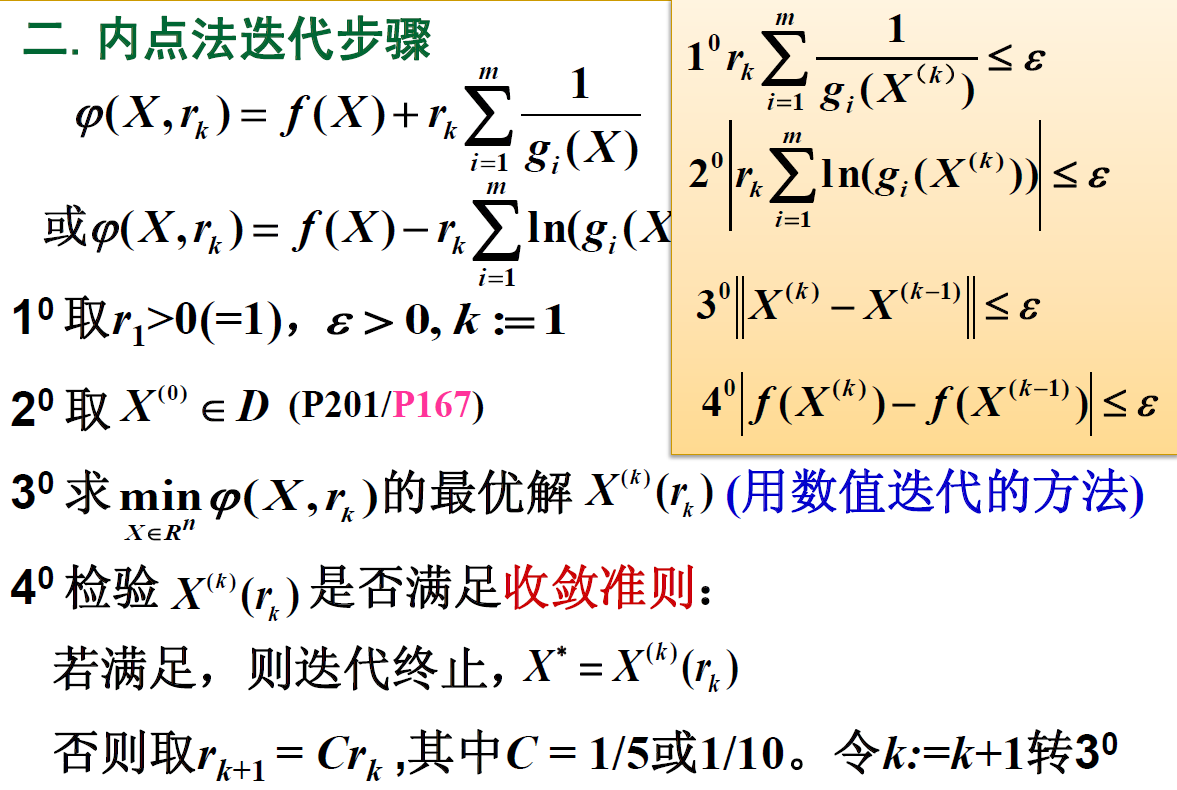
### 3.6.2、外点法

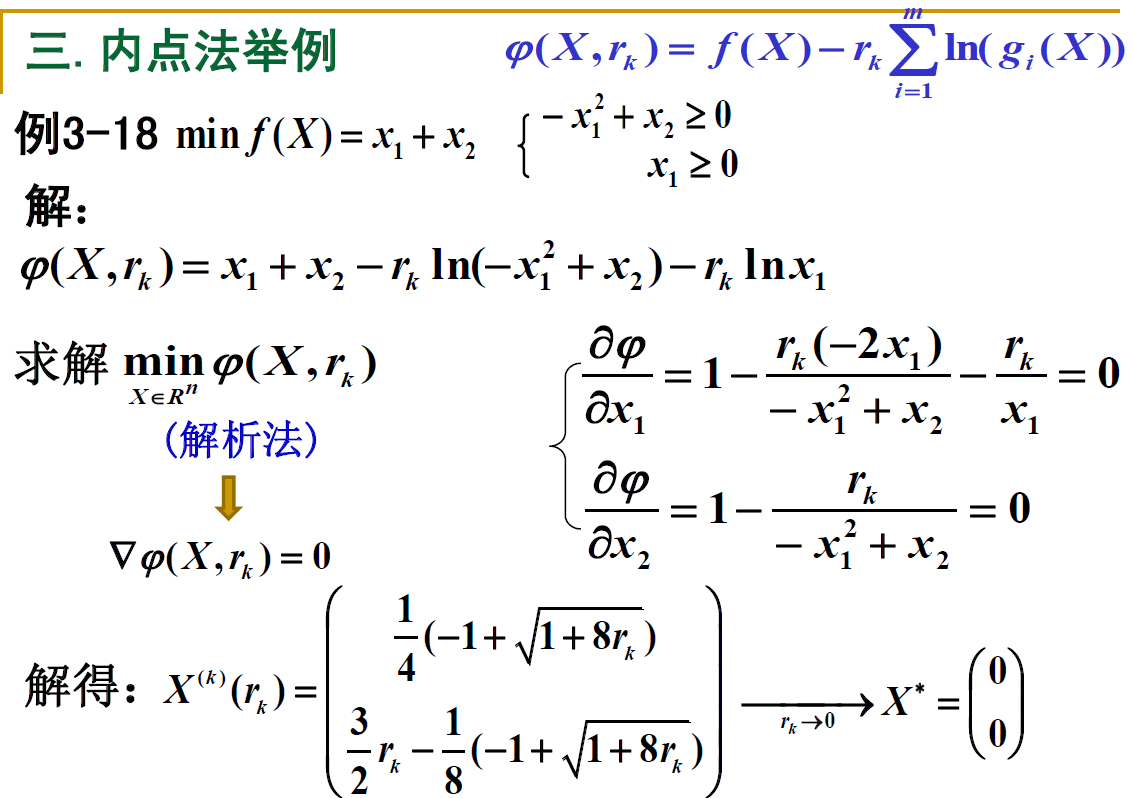




### 3.6.3、内点法

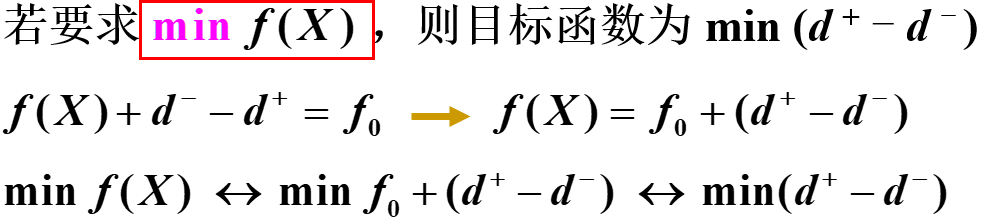


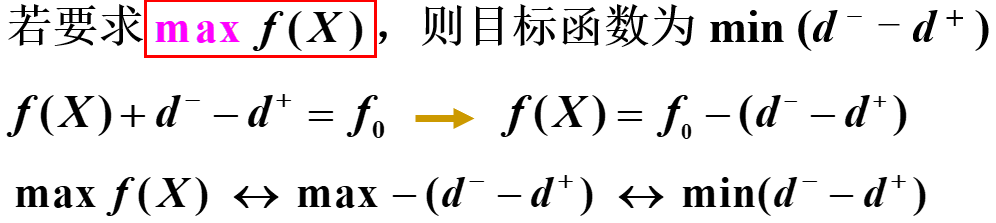


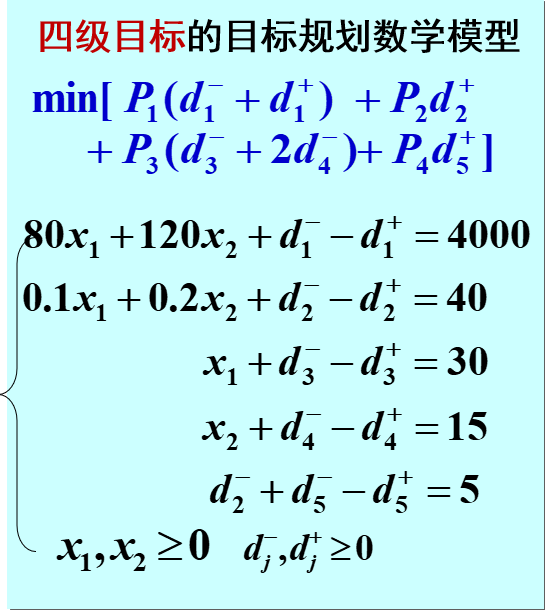


# 4、多目标规划

**达到 == 等于**







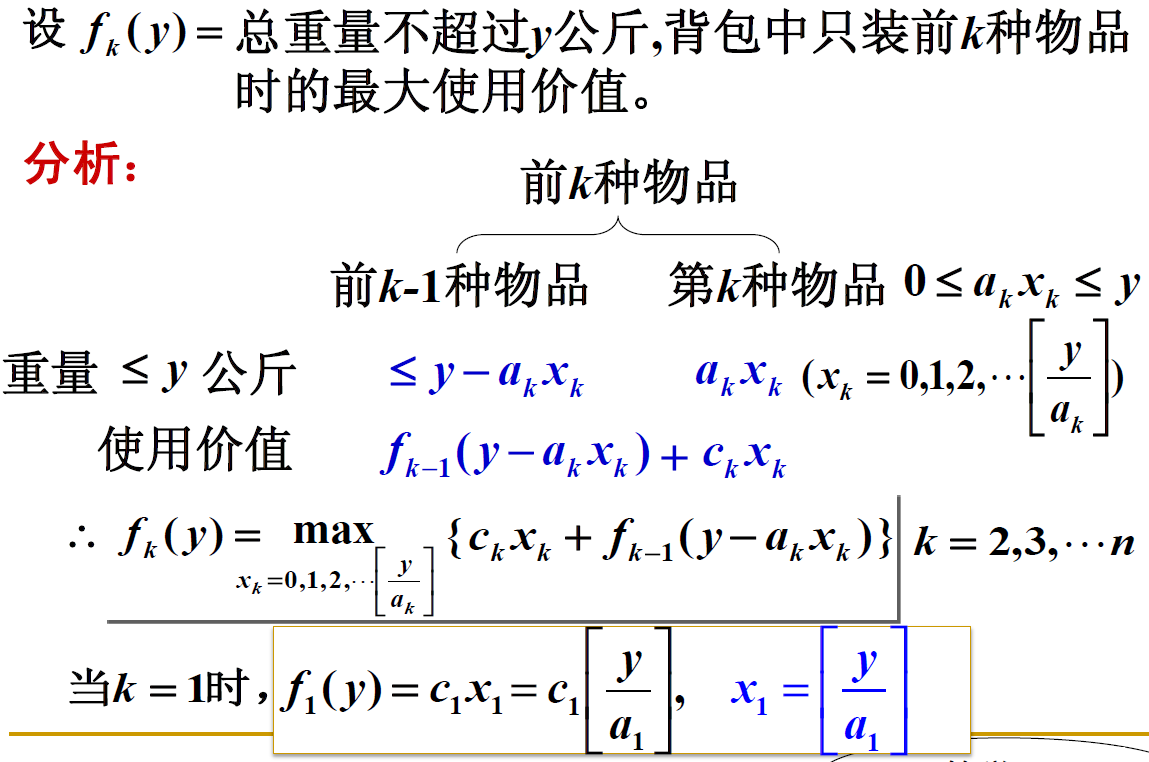
# 5、动态规划

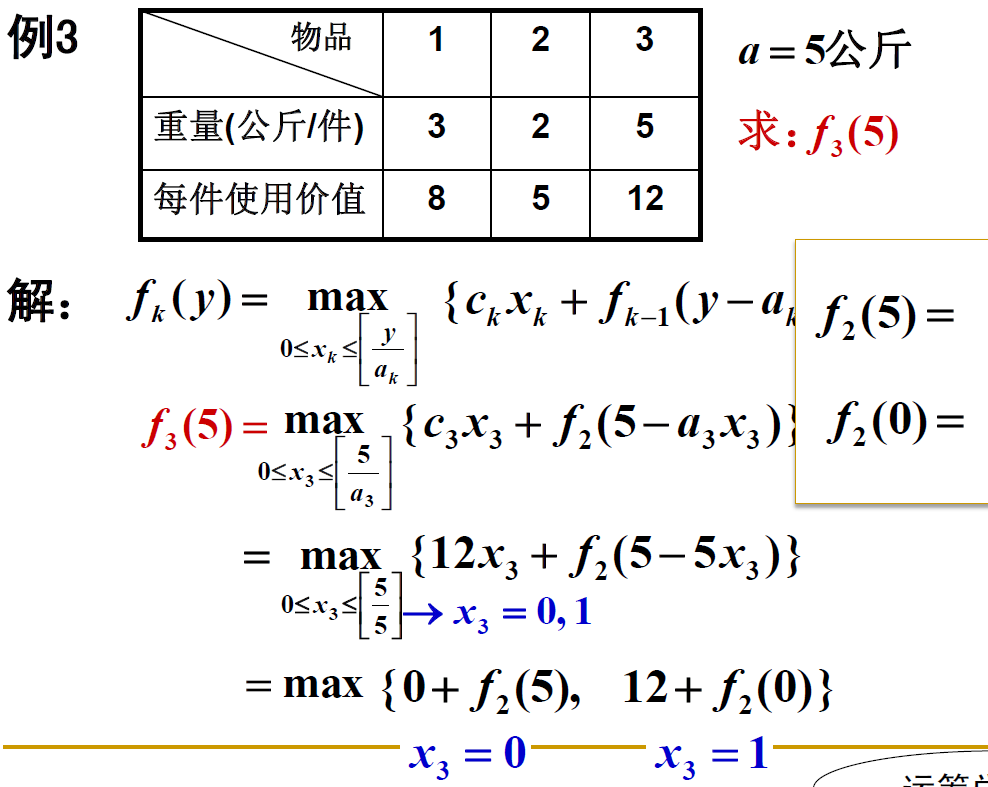
## 5.2、投资分配



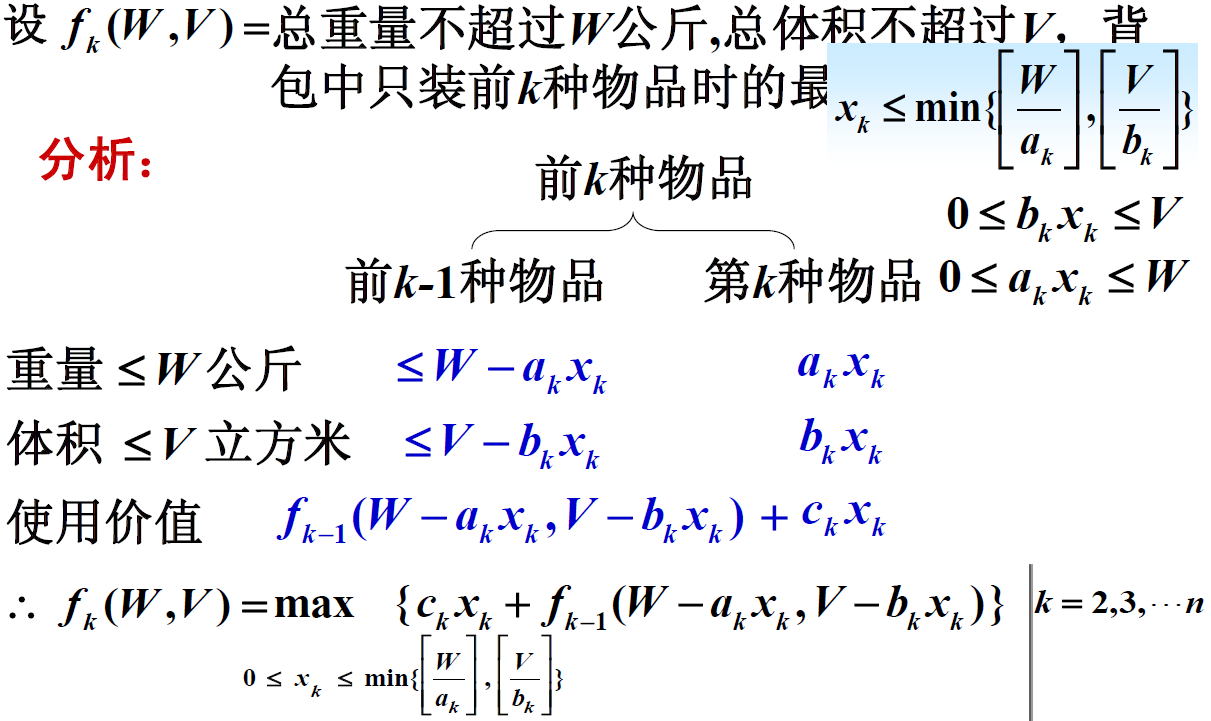


## 5.3、一维背包问题





## 5.4、二位背包问题



# 6、作业截图

