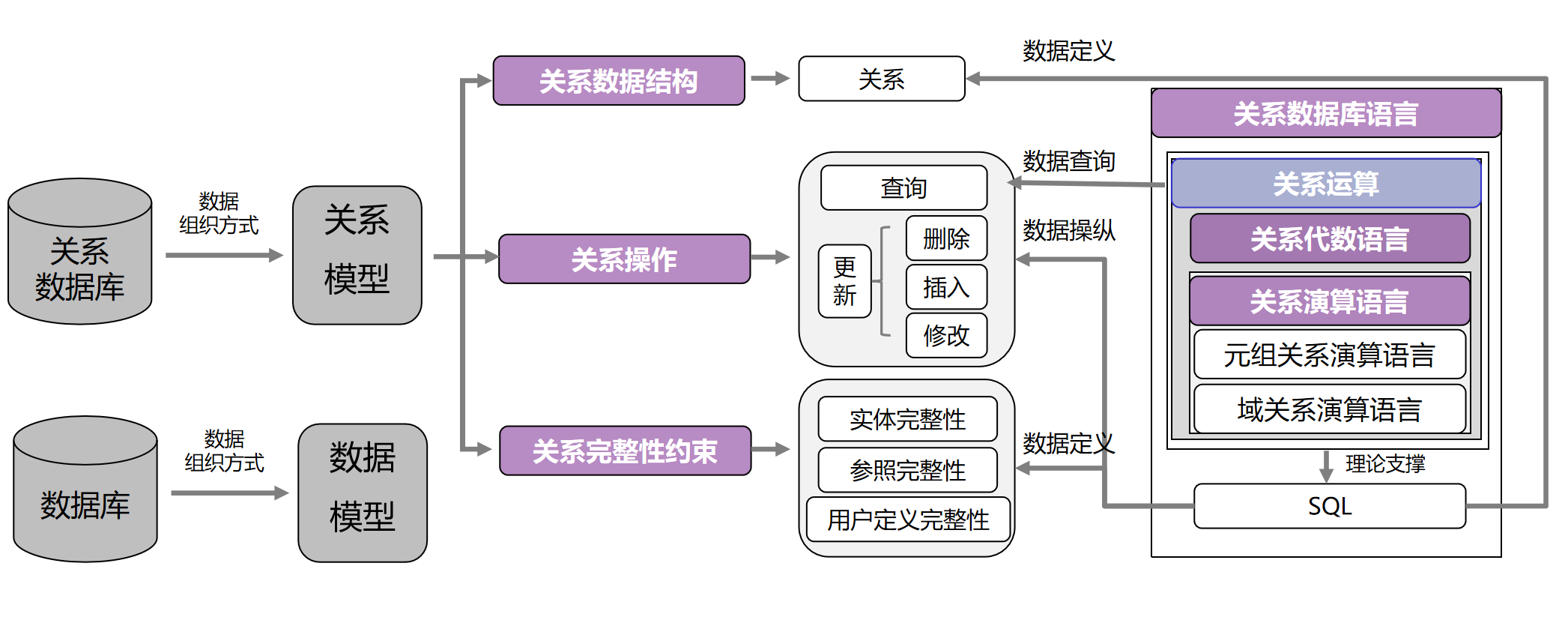
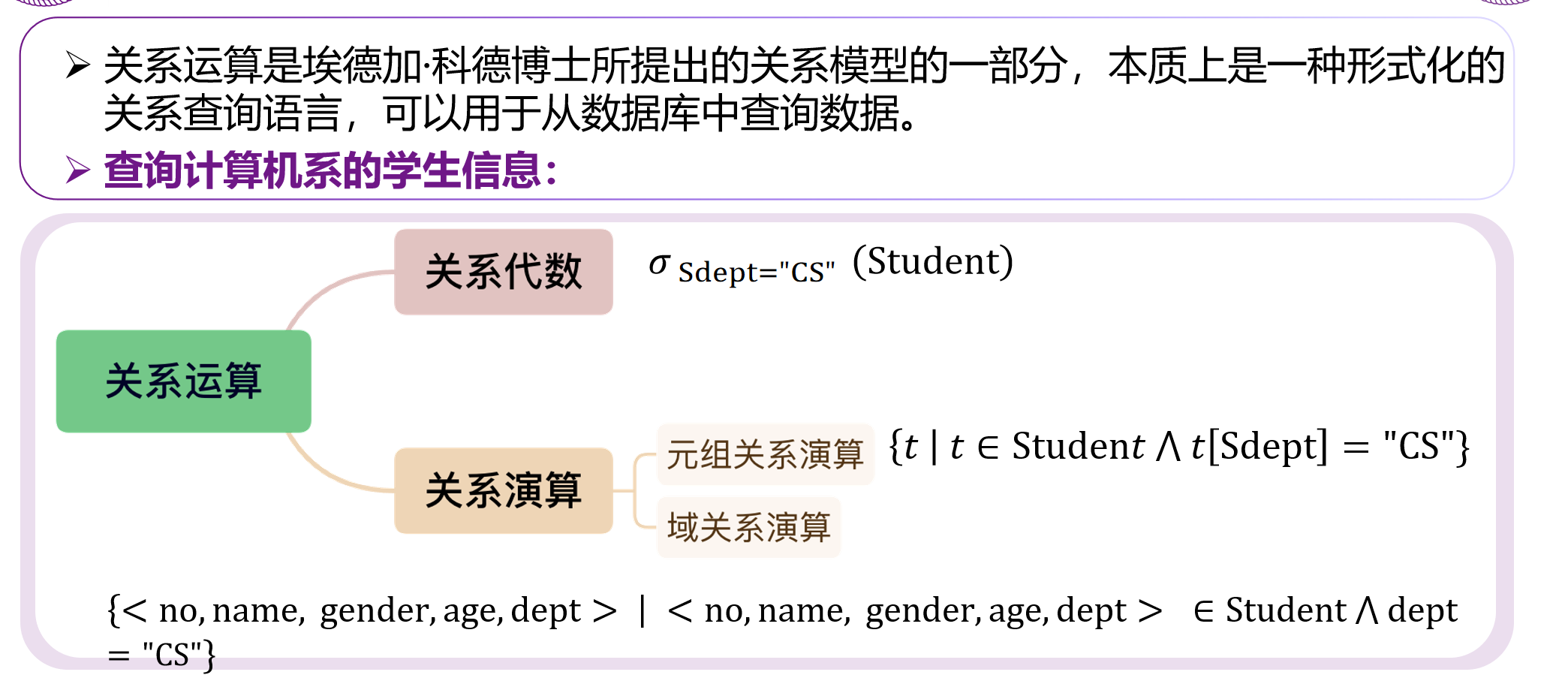
# 背景

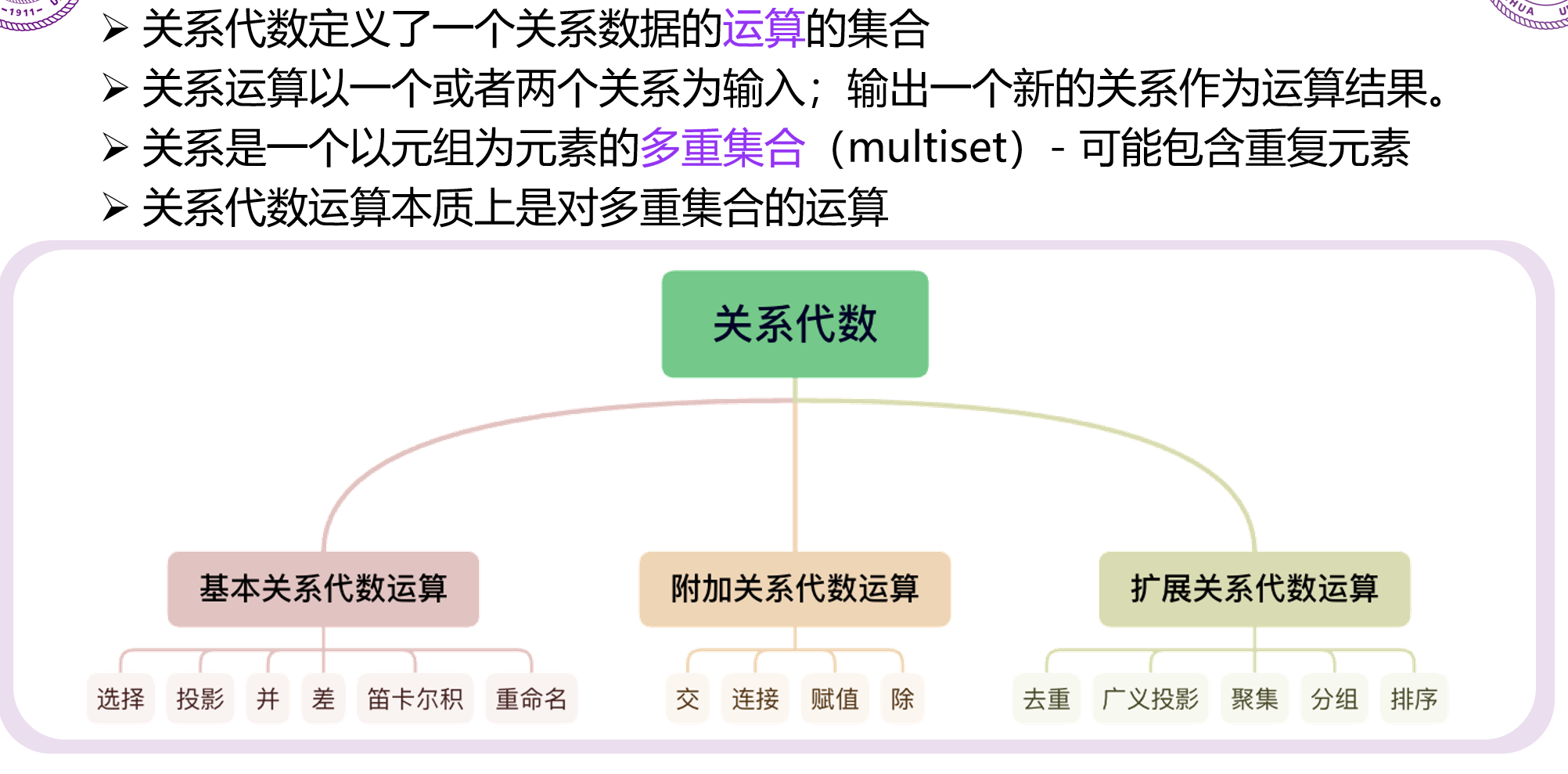


# 基本概念

# 关系运算

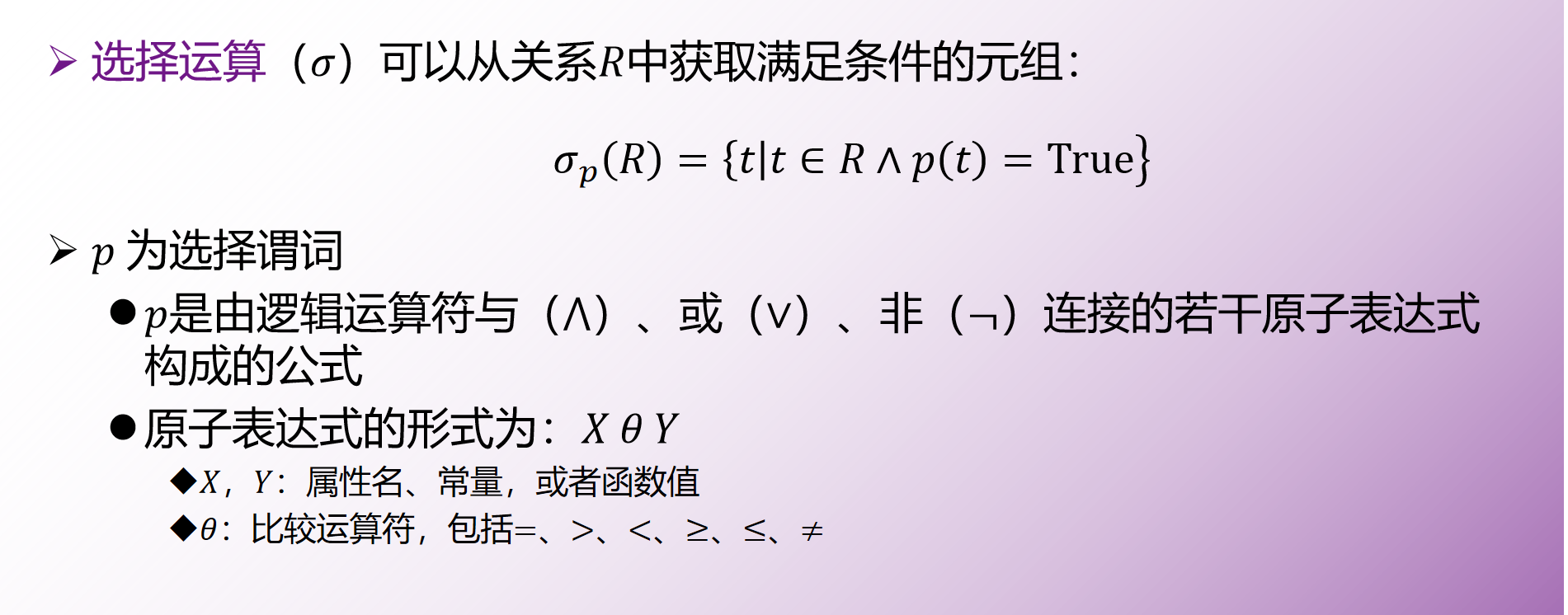


## 关系代数

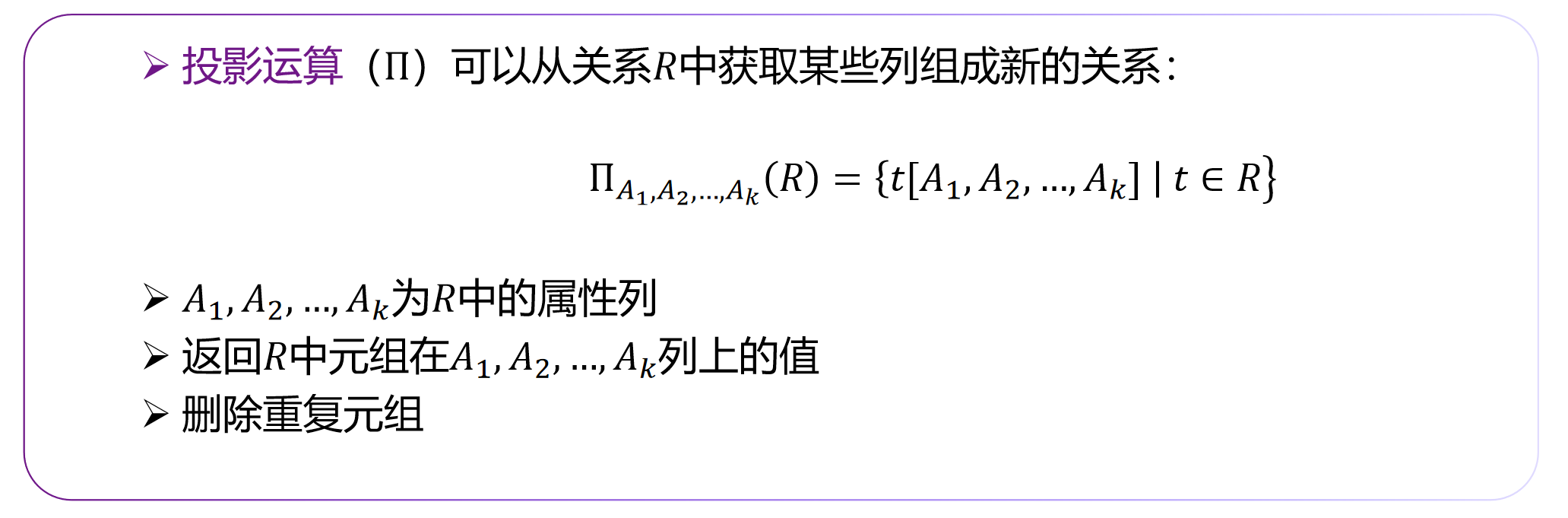


### 基本关系代数运算

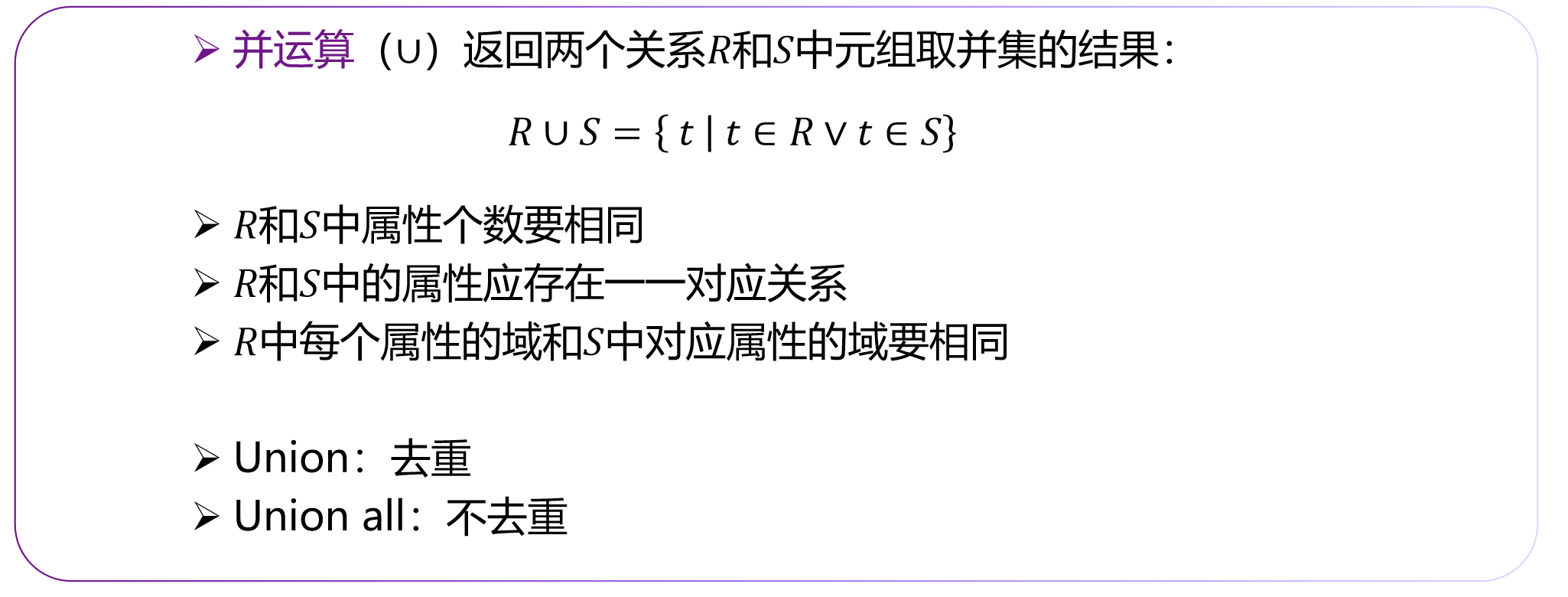
#### 选择



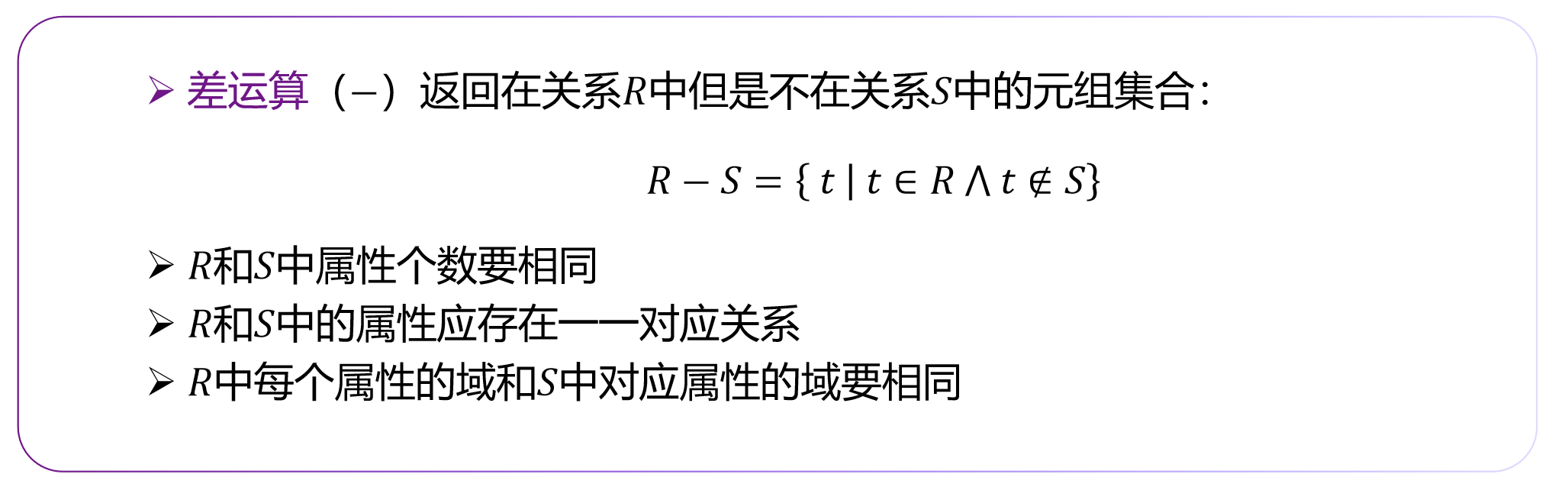
#### 投影



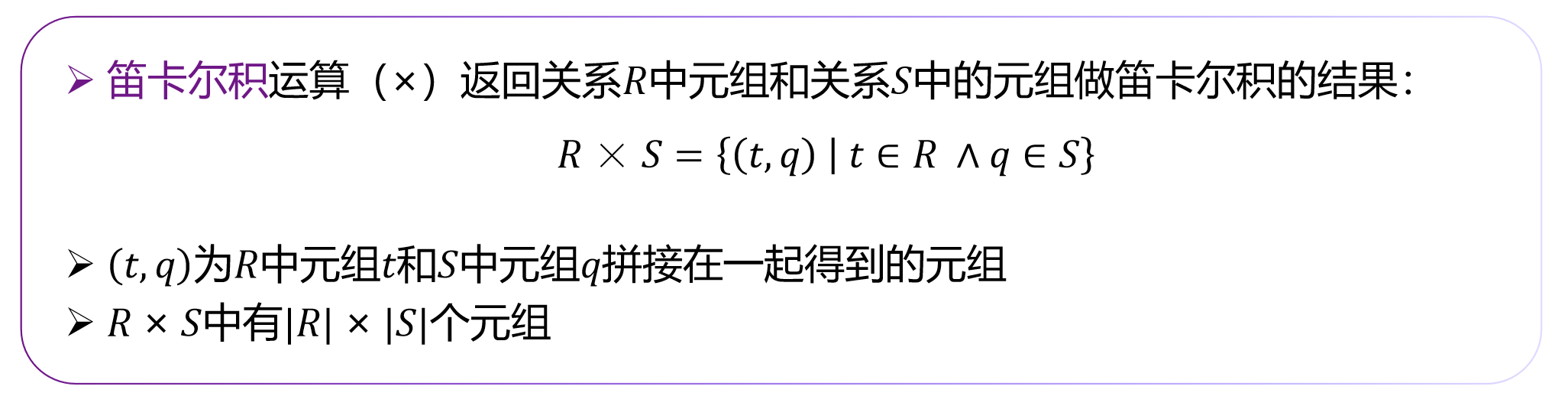
#### 并



#### 差

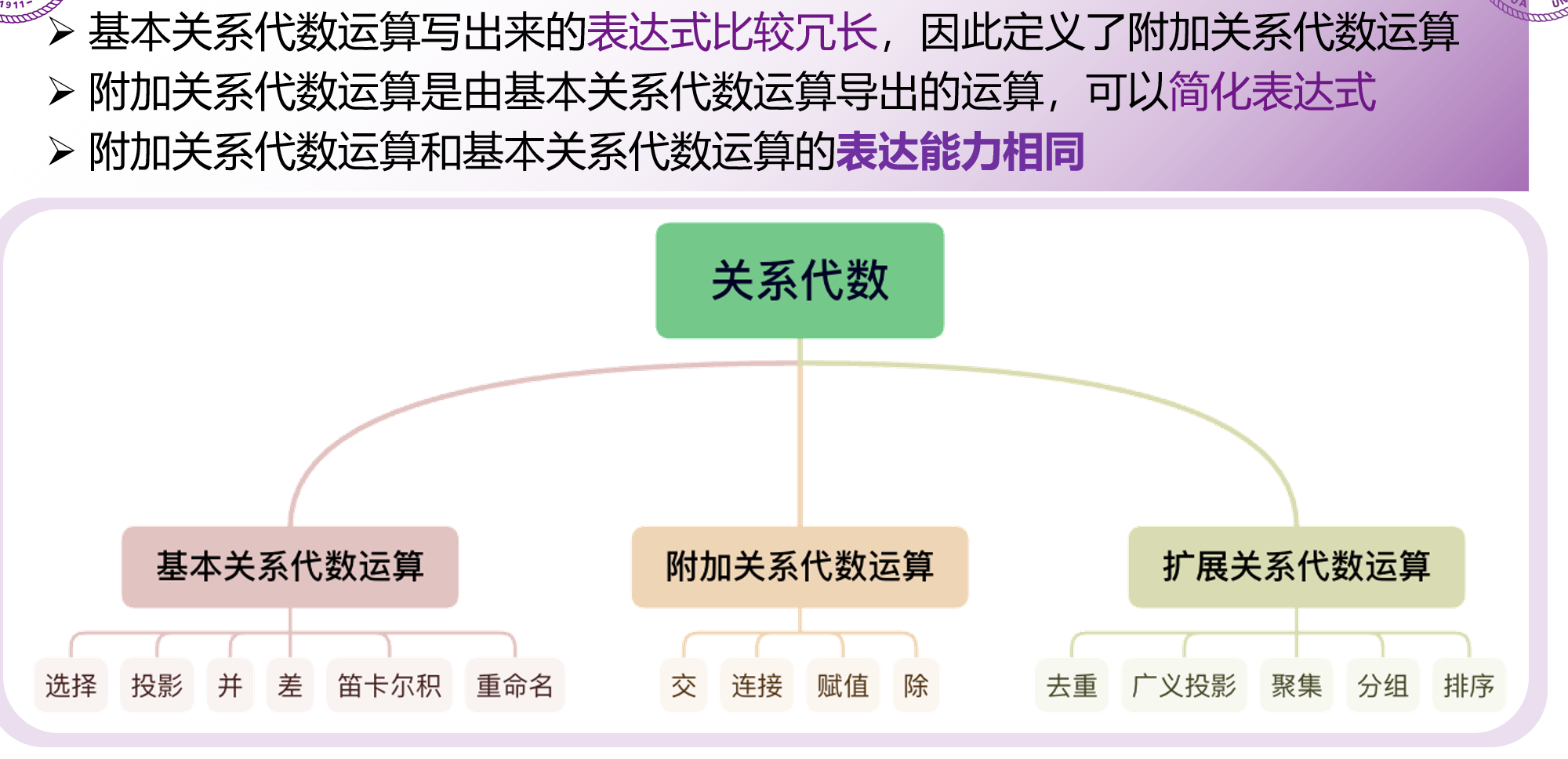


#### 笛卡尔积

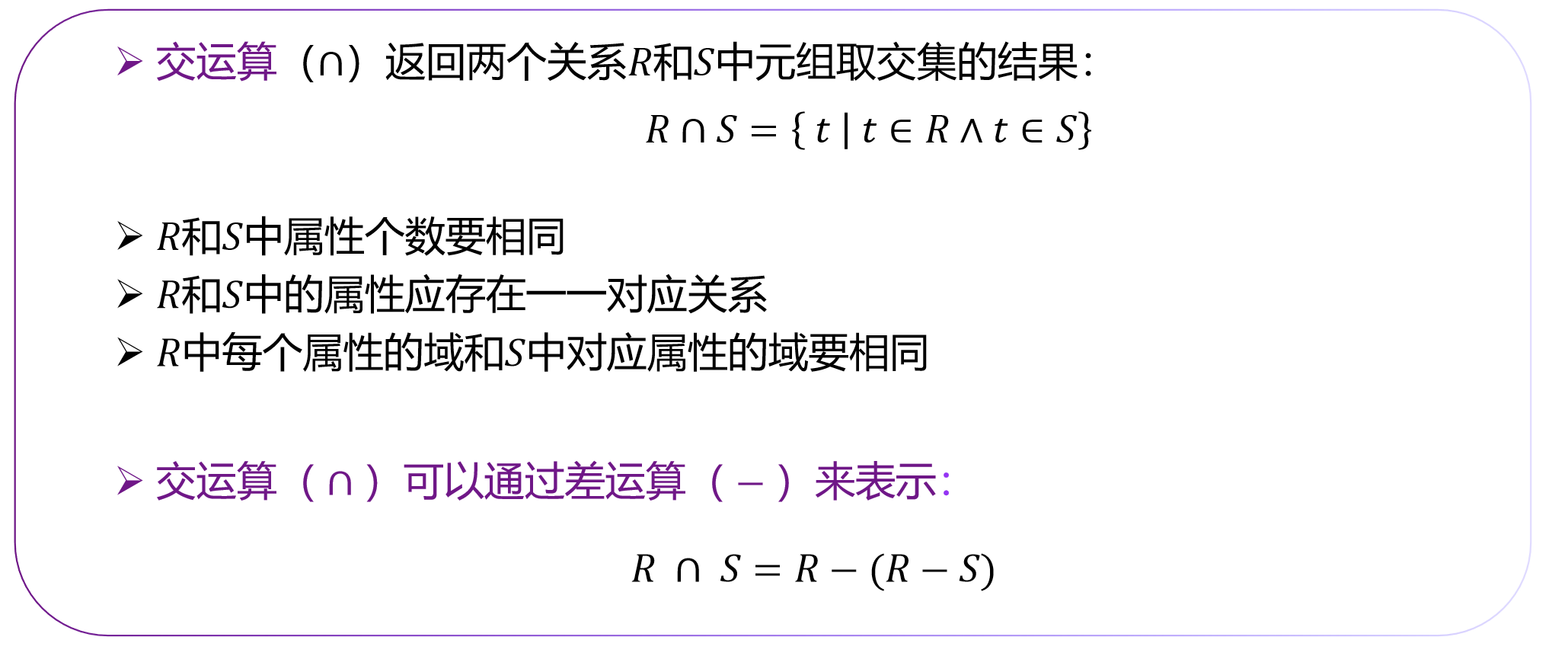


#### 重命名

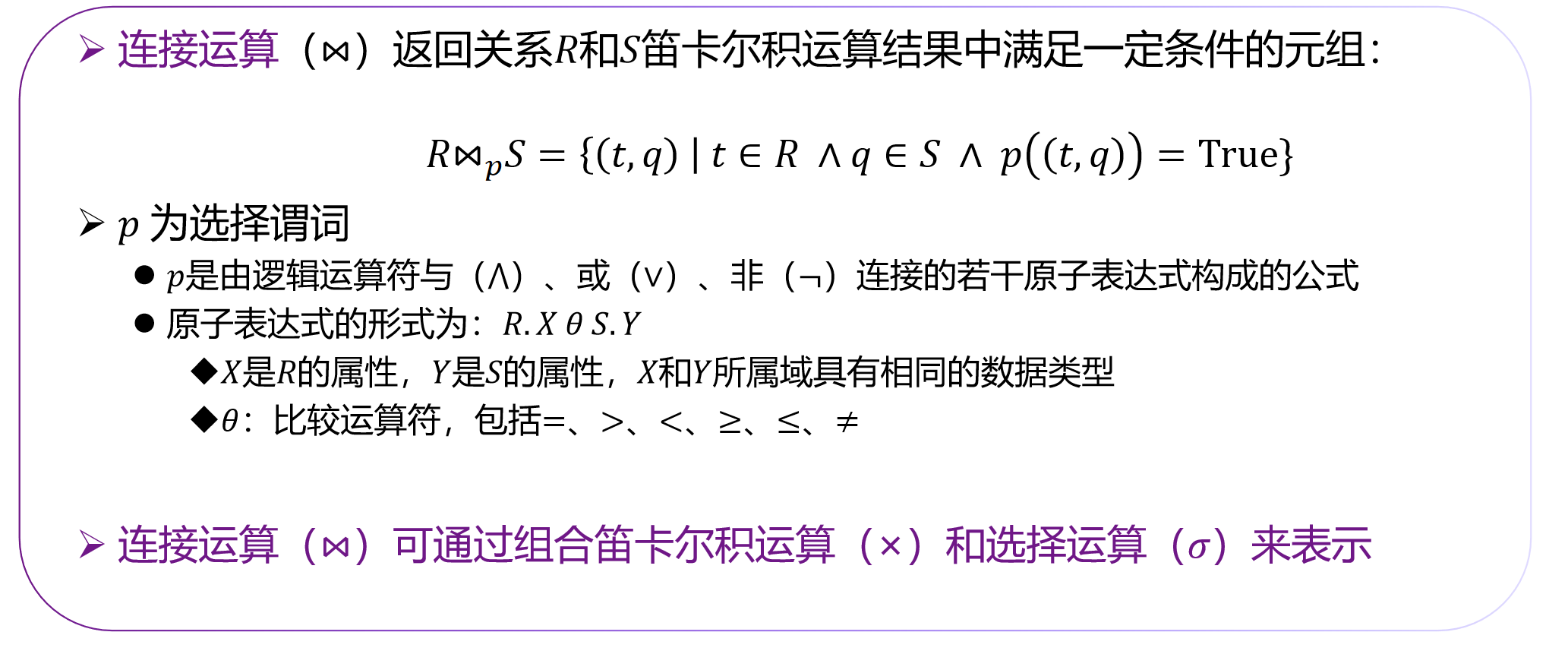
### 附加关系代数运算



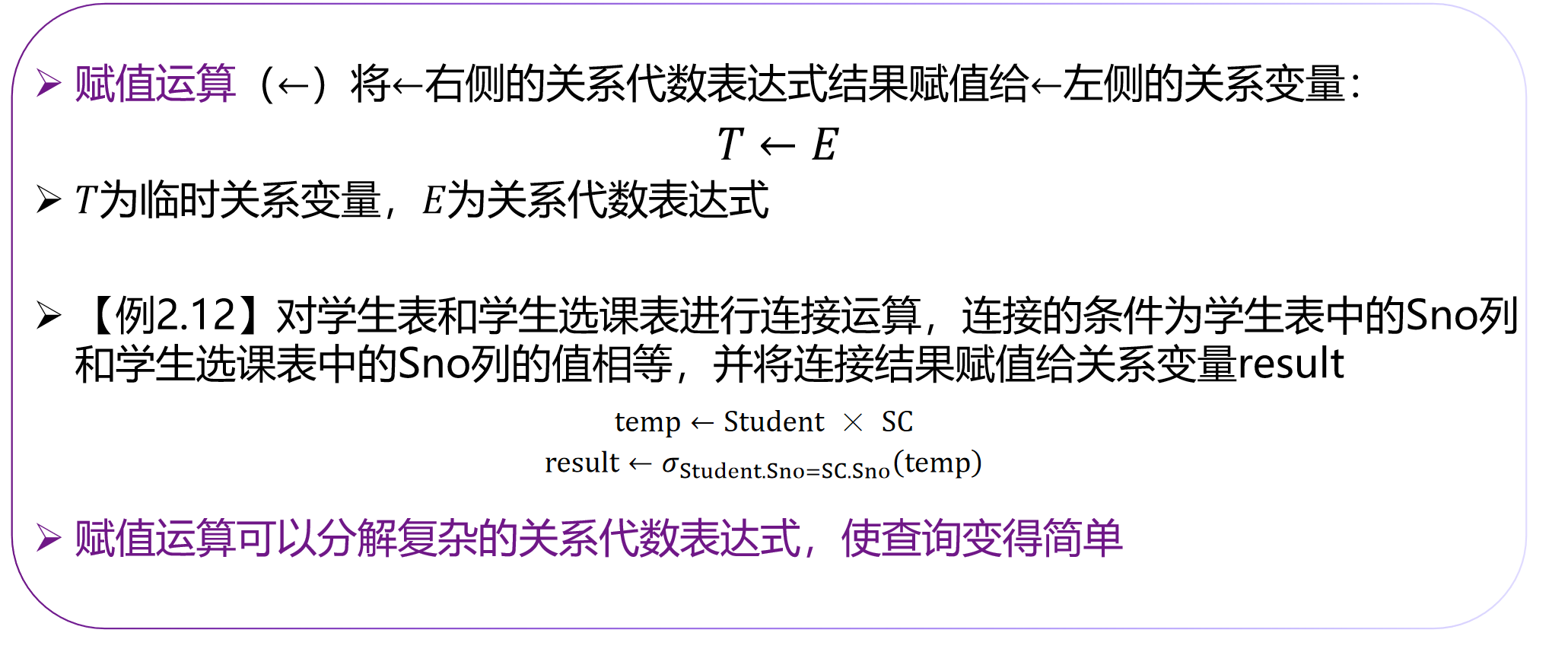
#### 交



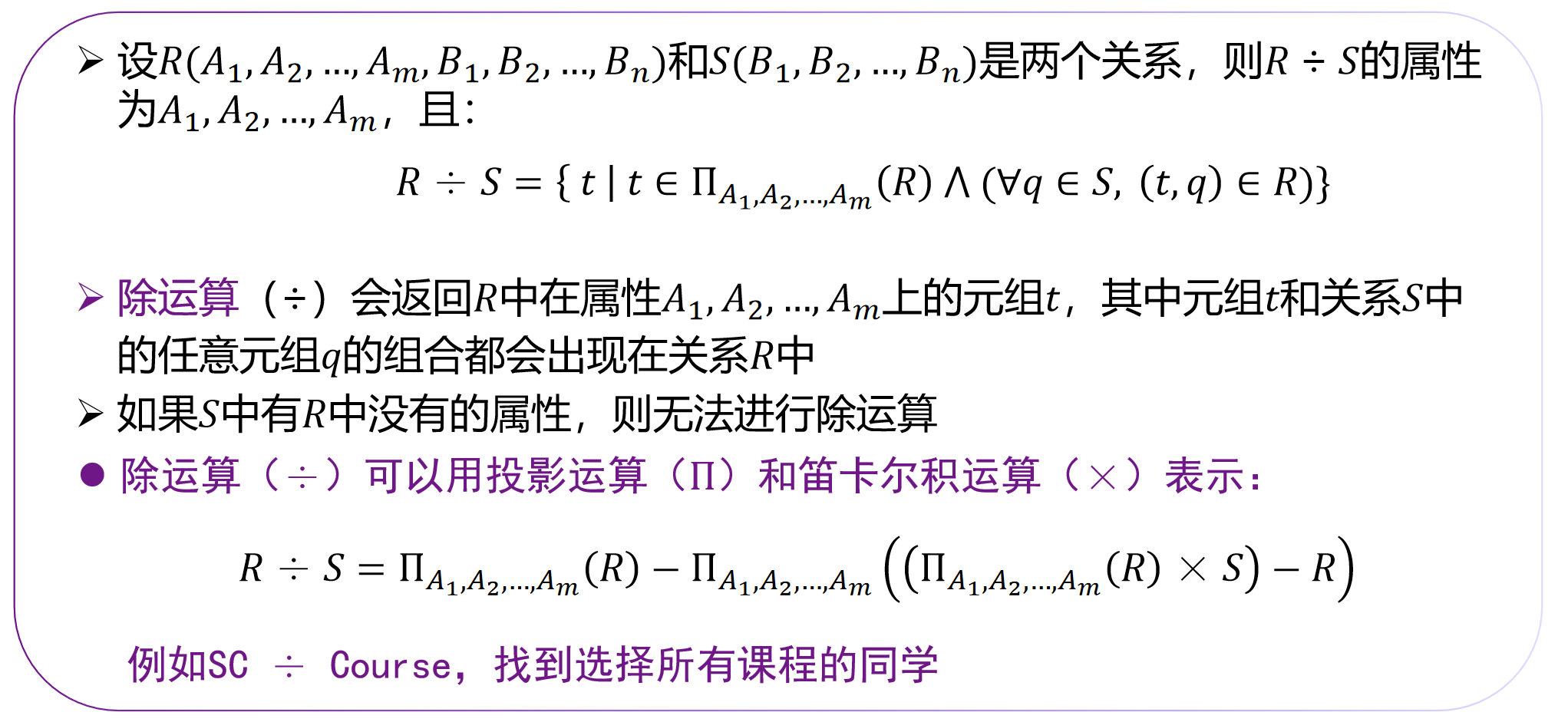
#### 连接



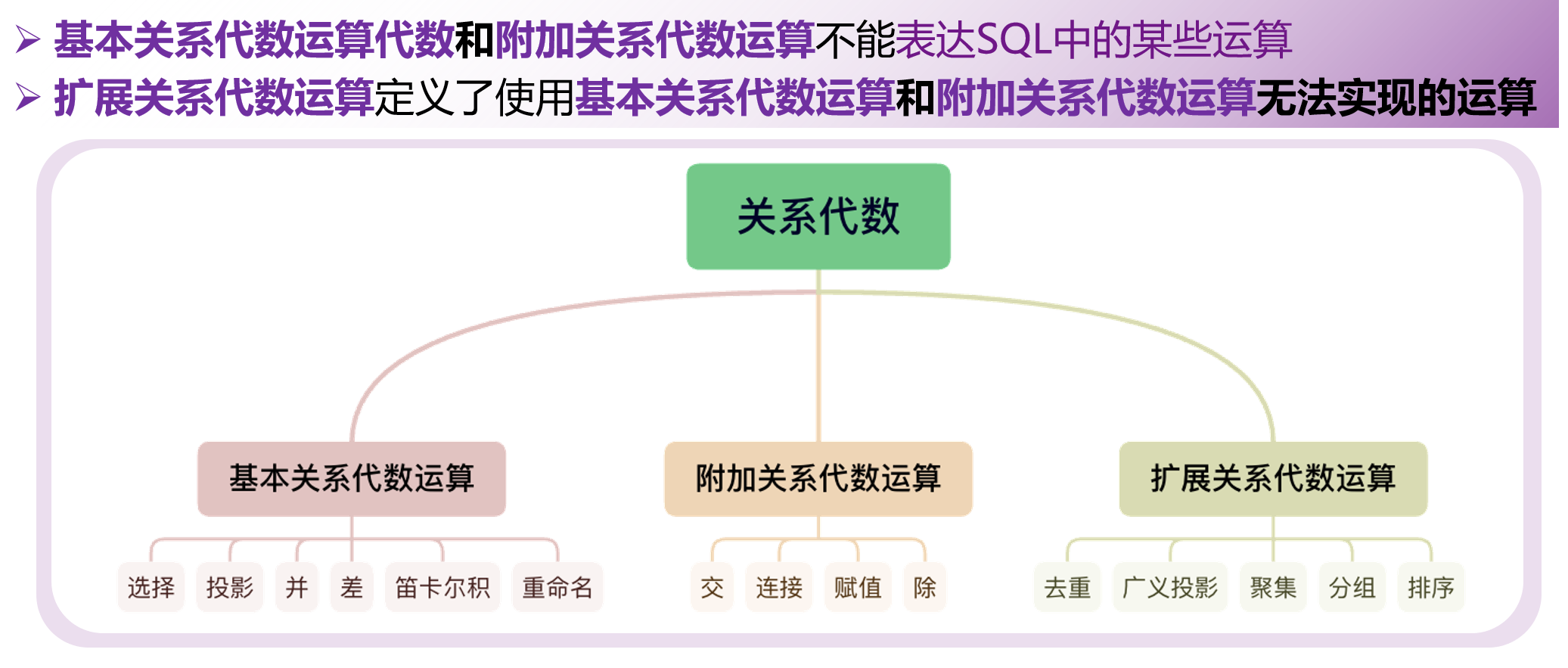
#### 赋值



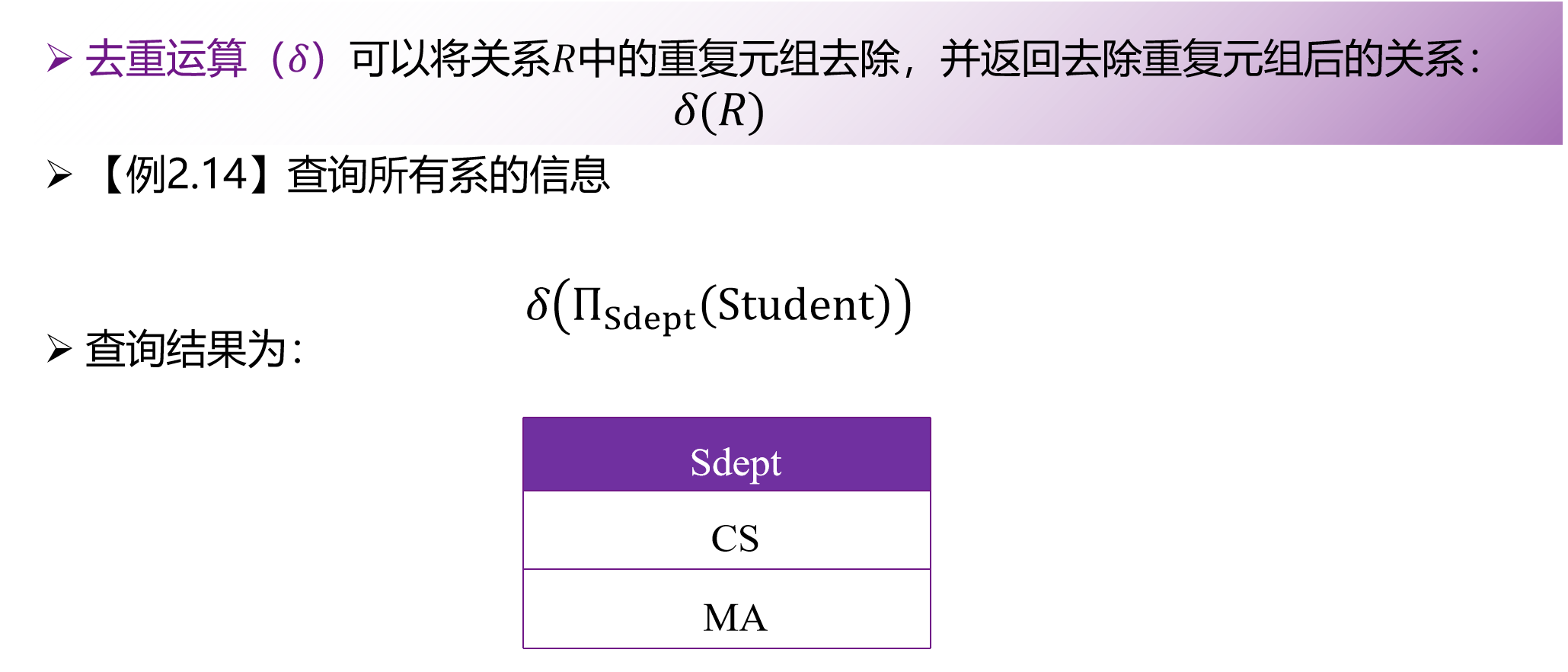
#### 除



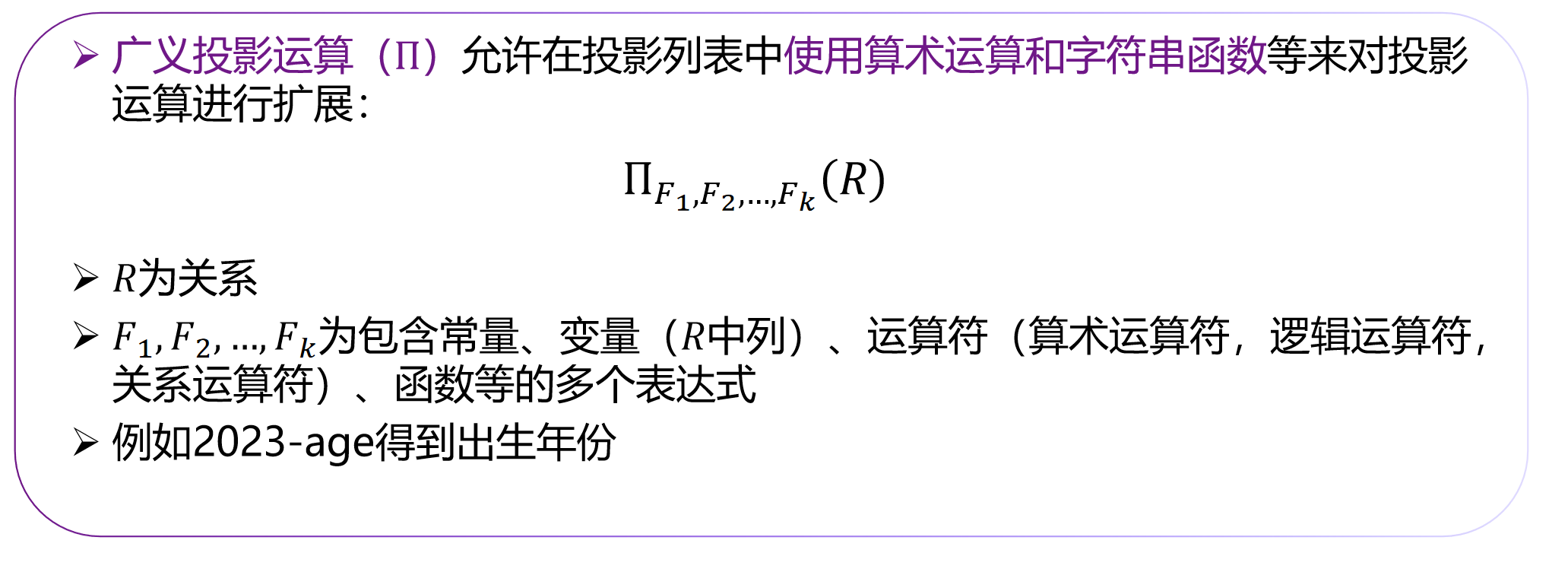
### 扩展关系代数运算



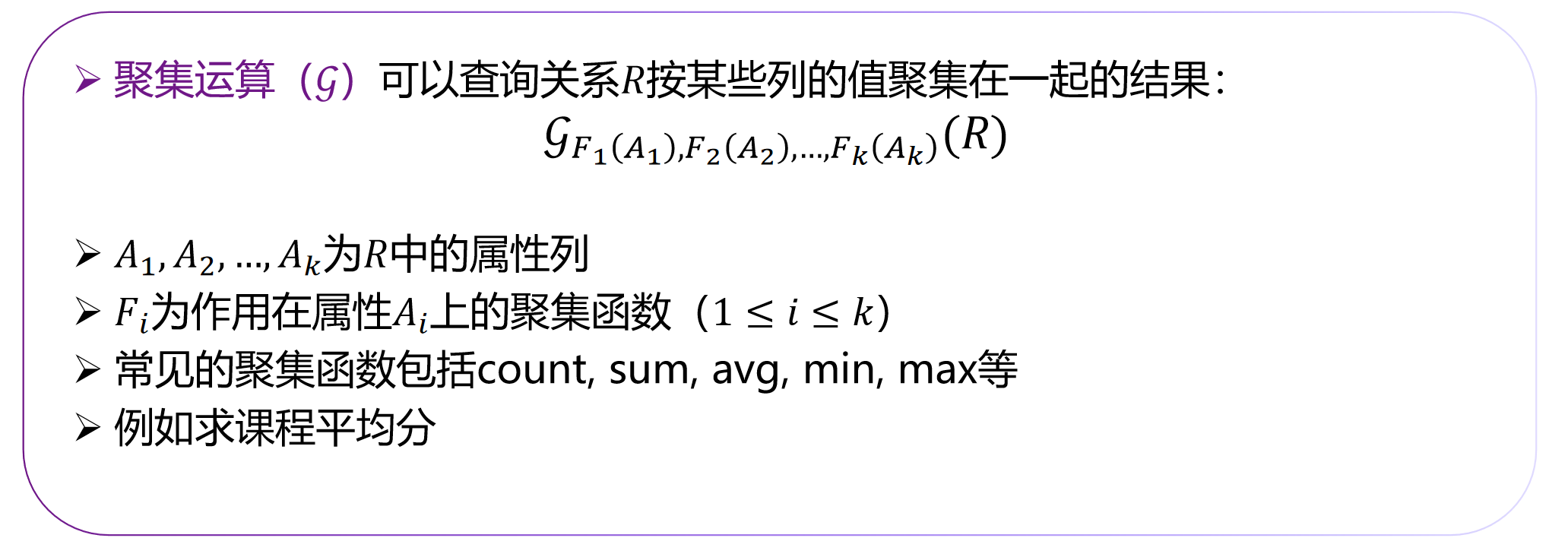
#### 去重



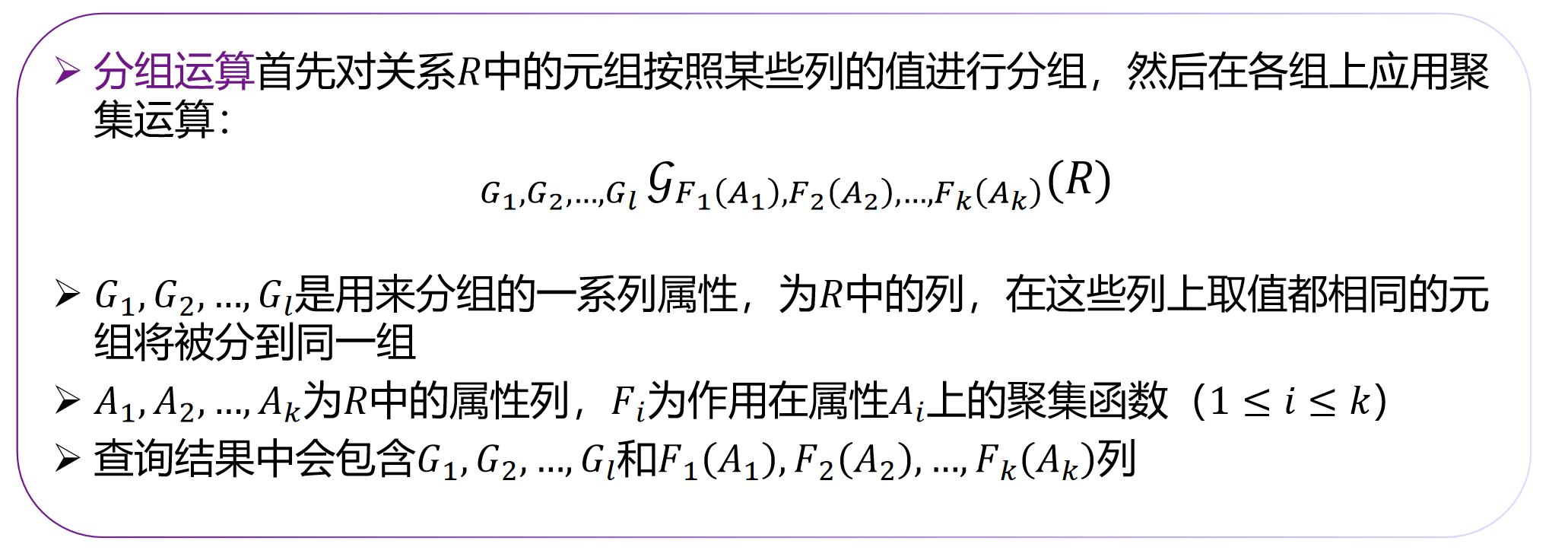
#### 广义投影



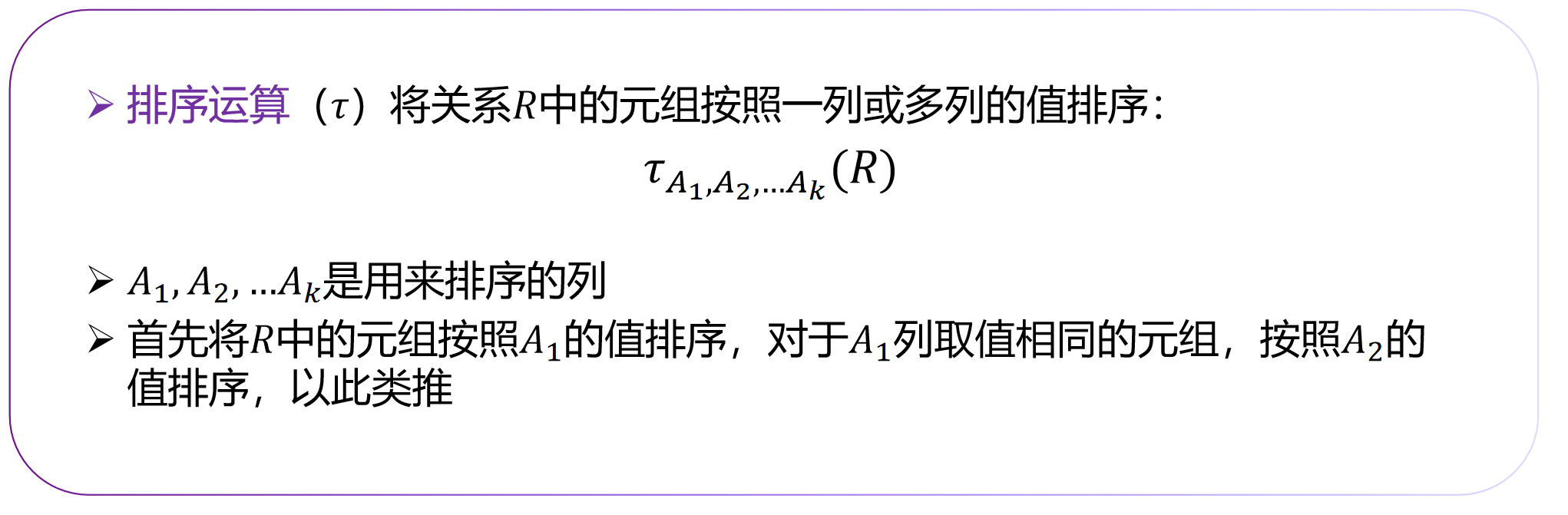
#### 聚集



#### 分组



#### 排序



## 关系演算