





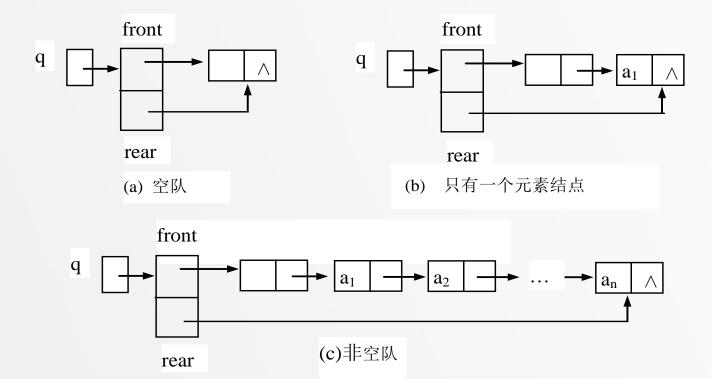
队列链表结构分析

• 主要操作: 链表尾部插入, 链表头部删除

- 需要有头结点
- 头指针指向第1个结点,尾指针指向最后1个结点



• 2个指针/带头结点的单链表





```
类型定义
    typedef struct node {
                         /*链式队列的结点结构*/
     QueueEntry Entry; /*队列的数据元素类型*/
     struct node *next;
                        /*指向后继结点的指针*/
    }QueueNode, *QueueNodePtr;
    typedef struct queue{
                         /*链式队列*/
     QueueNode *front;
                          /*队头指针*/
     QueueNode *rear;
                          /*队尾指针*/
    } Queue,*QueuePtr;
                                 front
```



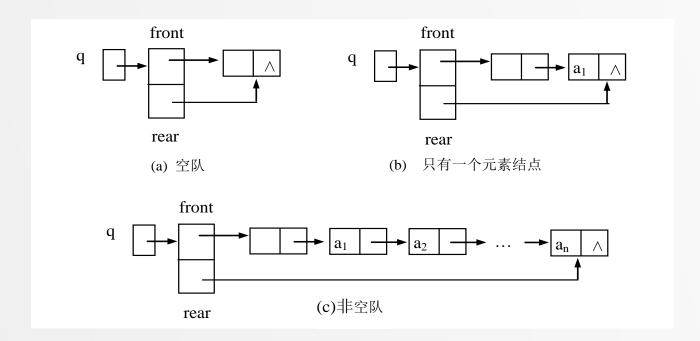
Typedef strcut node{

ElemType data;

struct node *next;

}QNode,*QNodePtr;

typedef struct queue{
 QNode *front,*rear;
}Queue,*QueuePtr;



变量定义与使用:

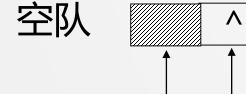
QueuePtr Q;

QNode hNode;

Q->front=& hNode;

Q->rear=& hNode;





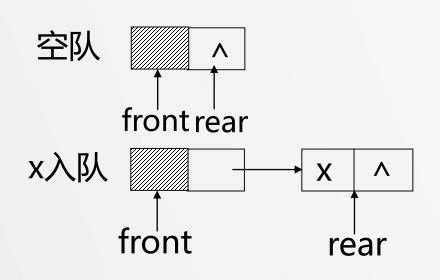
front rear

初始化

Q->front->next=NULL

Q->rear->next=Null





初始化



