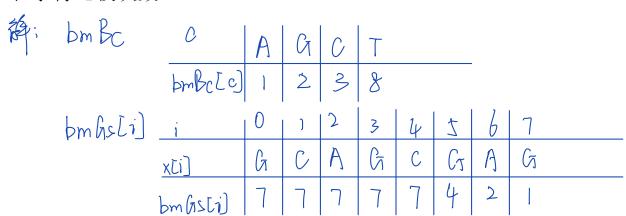
- S= GCATCGCAGAGAGTATACAGTACG
- 76543210
- T= GCAGCGAG

给出BM算法的**bmBc**和**bmGs[i]**数组?对文本串**S**的**BM**算法匹配过程进行手动推导,计算对齐次数和字符比较次数?



GCATCGCAGAGAGTATACAGTACG

## 争3次对齐

GCATCGCAGAGAGTATACAGTACG

GCAGCGAG CACO;

Shift (Bc) = pmbcc[A] - 3 = -2 => shift (Bc) = 1

另4次对齐

GCATCGCAGAGAGTATACAGTACG

GCAGCGAG [Line 23/k shift (Bc) = bm Bc['c'] 2= 1 shift (Gs) = bm GsCi] = 4 -> 4

茅与次对齐

GCATCGCAGAGAGTATACAGTACG GCAGCGAG

匹配品表 共与次对齐, 1+3+4+3+2=13次比较