

|   | 1 | 2 | ... | 17  |
|---|---|---|-----|-----|
| A | 0 | 1 |     | 7   |
| B | 1 | 0 | 1   | 3   |
| i |   |   |     |     |
| M | 1 | 0 |     |     |
|   | 3 | 7 | 9   | ... |

$$\alpha = \min \left( 1, \frac{\pi(n^{\text{new}}) \alpha(n^{\text{old}} | n^{\text{new}})}{\pi(n^{\text{old}}) \alpha(n^{\text{new}} | n^{\text{old}})} \right)$$

$$= \min \left( 1, \frac{1/c(n^{\text{new}})}{1/c(n^{\text{old}})} \right)$$

$$= \min \left( 1, \frac{c(n^{\text{old}})}{c(n^{\text{new}})} \right)$$

$c(n)$  is  
the number  
of ch.B.  
pairs in  $n$ .