The Shift-And formula $R^0 = ((R^0_{i-1} >> 1) \vee 10^{m-1}) \,\&\, \Sigma(t_i)$

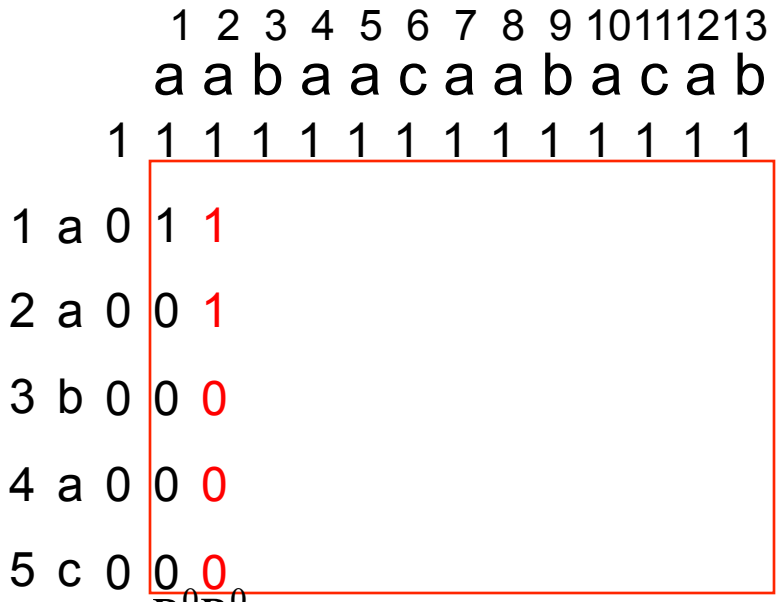
Example:

Text = aabaacaabacab

pattern = aabac

when *i*=2

Σ(a)	11010
Σ(b)	00100
Σ(c)	00001
*	00000



$(R^0_1 >> 1) \vee 10^{m-1}$ 11000

& 11010 Σ(a)

R^0_2 11000

1	2	3	4	5	6	7	8	9	. . .			
a	a	b	a	a	c	a	a	b	a	c	a	b

j=1 a $R^0(2,1) = 1$

j=2 a a $R^0(2,2) = 1$

j=3 a a b $R^0(2,3) = 0$

j=4 a a b a $R^0(2,4) = 0$

j=5 a a b a c $R^0(2,5) = 0$

R^0_2