

Segment_0

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_0	C_1, C_0	C_1, \bar{C}_0
\bar{C}_3, \bar{C}_2	1	0	1	1
\bar{C}_3, C_2	0	1	1	1
C_3, C_2	1	0	1	1
C_3, \bar{C}_2	1	1	0	1

$$S_0 = \bar{C}_0 \bar{C}_2 + C_1 \bar{C}_3 + C_1 C_2 + \bar{C}_0 C_3 \\ + \bar{C}_3 C_2 C_0 + C_3 \bar{C}_2 \bar{C}_1$$

Segment_1

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_2	C_1, C_0	C_1, \bar{C}_0
\bar{C}_3, \bar{C}_2	1	1	1	1
\bar{C}_3, C_2	1	0	1	0
C_3, C_2	0	1	0	0
C_3, \bar{C}_2	1	1	0	1

$$S_1 = \bar{C}_3 \bar{C}_2 + \bar{C}_0 \bar{C}_2 + \bar{C}_1 \bar{C}_0 \bar{C}_3 \\ + C_1 C_0 \bar{C}_3 + \bar{C}_1 C_0 C_3$$

Segment_2

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_0	C_1, C_0	C_1, \bar{C}_0
\bar{C}_3, \bar{C}_2	1	1	1	0
\bar{C}_3, C_2	1	1	1	1
C_3, C_2	0	1	0	0
C_3, \bar{C}_2	1	1	1	1

$$S_2 = C_3 \bar{C}_2 + \bar{C}_3 C_2 + \bar{C}_1 C_0 \\ + C_0 \bar{C}_3 + \bar{C}_1 \bar{C}_3$$

Segment_3

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_0	C_1, C_0	C_1, \bar{C}_0
\bar{C}_3, \bar{C}_2	1	0	1	1
\bar{C}_3, C_2	0	1	0	1
C_3, C_2	1	1	0	1
C_3, \bar{C}_2	1	1	1	0

$$S_3 = \bar{C}_3 \bar{C}_2 \bar{C}_0 + C_1 C_0 \bar{C}_2 \\ + \bar{C}_1 C_0 C_2 + C_1 \bar{C}_0 C_2 \\ + \bar{C}_1 C_3$$

Segment_4

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_0	C_1, C_0	C_1, \bar{C}_0
\bar{C}_3, \bar{C}_2	1	0	0	1
\bar{C}_3, C_2	0	0	0	1
C_3, C_2	1	1	1	1
C_3, \bar{C}_2	1	0	1	1

$$S_4 = \bar{C}_0 \bar{C}_2 + C_3 C_2 + C_1 \bar{C}_0 \\ + C_1 C_3$$

segment - 5

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_0	C_1, C_0	C_1, \bar{C}_0
$\bar{C}_3 \bar{C}_2$	1	0	0	0
$\bar{C}_3 C_2$	1	1	0	1
$C_3 C_2$	1	0	1	1
$C_3 \bar{C}_2$	1	1	1	1

$$S_5 = \bar{C}_1 \bar{C}_0 + C_3 \bar{C}_2 + C_1 C_3 + \bar{C}_0 C_2 + \bar{C}_3 C_2 \bar{C}_1$$

segment - 6

	\bar{C}_1, \bar{C}_0	\bar{C}_1, C_0	C_1, C_0	C_1, \bar{C}_0
$\bar{C}_3 \bar{C}_2$	0	0	1	1
$\bar{C}_3 C_2$	1	1	0	1
$C_3 C_2$	0	1	1	1
$C_3 \bar{C}_2$	1	1	1	1

$$S_6 = C_3 \bar{C}_2 + C_1 \bar{C}_0 + C_0 C_3 + C_1 \bar{C}_2 + \bar{C}_3 C_2 \bar{C}_1$$