

$x_i y_i$		00	01	11	10
c_i	0		1		1
	1	1		1	

$$s_i = x_i \oplus y_i \oplus c_i$$

$x_i y_i$		00	01	11	10
c_i	0			1	
	1		1	1	1

$$c_{i+1} = x_i y_i + x_i c_i + y_i c_i$$

(b) Karnaugh maps