```
h(x) = x \mod 13 \ y \ h'(x) = (h(x) + i) \mod 13
```

Claves: 11, 3, 27, 99, 8, 50, 77, 22, 12, 31, 33, 40, 53

 $h(x)=11 \mod 13 = 11$

 $h(x)=3 \mod 13 = 3$

 $h(x)=27 \mod 13 = 27$

 $h(x)=99 \mod 13 = 8$

 $h(x)=8 \mod 13 = 8$ $h'(x) = (8 \mod 13)+1 = 9$

 $h(x)=50 \mod 13 = 11$ $h'(x) = (50 \mod 13)+1 = 12$

 $h(x)=77 \mod 13 = 12$ $h'(x) = (77 \mod 13)+1 = 0$

 $h(x)=22 \mod 13 = 9$ $h'(x) = (22 \mod 13)+1 = 10$

 $h(x)=12 \mod 13 = 12$ $h'(x) = (12 \mod 13)+1 = 0$ $h'(x) = (12 \mod 13)+2 = 1$

 $h'(x) = (12 \mod 13) + 3 = 2$

 $h(x)=31 \mod 13 = 5$

 $h(x)=33 \mod 13 = 7$

 $h(x)=40 \mod 13 = 1$ $h'(x) = (40 \mod 13)+1 = 2$ $h'(x) = (40 \mod 13)+2 = 3$

 $h'(x) = (40 \mod 13) + 3 = 4$

 $h(x)=53 \mod 13 = 1$ $h'(x) = (53 \mod 13)+1 = 2$ $h'(x) = (53 \mod 13)+2 = 3$

 $h'(x) = (53 \mod 13) + 3 = 4$ $h'(x) = (53 \mod 13) + 4 = 5$ $h'(x) = (53 \mod 13) + 5 = 6$

 1
 77
 27
 12
 3
 40
 31
 53
 33
 99
 8
 22
 11
 50

 0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12

c) seudoazar $h'(x) = [h(x) + Zi] \mod M Z = (1,5,2,4,3,6)$

Claves: 11, 3, 27, 99, 8, 50, 77, 22, 12, 31, 33, 40, 53

 $h(x)=11 \mod 13 = 11$

 $h(x)=3 \mod 13 = 3$

 $h(x)=27 \mod 13 = 27$

 $h(x)=99 \mod 13 = 8$

 $h(x)=8 \mod 13 = 8$ $h'(x) = (8 \mod 13)+1 = 9$

 $h(x)=50 \mod 13 = 11$ $h'(x) = (50 \mod 13)+1 = 12$

 $h(x)=77 \mod 13 = 12$ $h'(x) = (77 \mod 13)+1 = 0$

 $h(x)=22 \mod 13 = 9$ $h'(x) = (22 \mod 13)+1 = 10$

 $h(x)=12 \mod 13 = 12$ $h'(x) = (12 \mod 13)+1 = 0$ $h'(x) = (12 \mod 13)+5 = 4$

 $h(x)=31 \mod 13 = 5$

 $h(x)=33 \mod 13 = 7$

 $h(x)=40 \mod 13 = 1$ $h'(x) = (40 \mod 13)+1 = 2$

 $h(x)=53 \mod 13 = 1$ $h'(x) = (53 \mod 13)+1 = 2$ $h'(x) = (53 \mod 13)+5 = 6$

 1
 77
 27
 40
 3
 12
 31
 53
 33
 99
 8
 22
 11
 50

 0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12