step num	state				sequence
	$\mathcal{S}_3$	$\mathcal{S}_2$	$\mathcal{S}_1$	$\mathcal{S}_0$	$\mathcal{S}_0$
0	0	α^{13}	α^5	1	1
1	α^{11}	0	α^{13}	α^5	α^5
2	α^8	α^{11}	0	α^{13}	α^{13}
3	α^{11}	α^8	α^{11}	0	0
4	α^{11}	α^{11}	α^8	α^{11}	α^{11}
5	α^5	α^{11}	α^{11}	α^8	α^8
6	α	α^5	α^{11}	α^{11}	α^{11}
7	α^3	α	α^5	α^{11}	α^{11}
8	α^8	α^3	α	α^5	α^5
9	α^{10}	α^8	α^3	α	α

Table 1: LFSR with feedback $y^4 + y + Z(2^4)$ over $\mathrm{GF}(2^4)$ using generator α, which is a root of $x^4 + x^3 + Z(2)^0$.