

LFSR

https://blog.csdn.net/little_cats/article/details/104488780

LFSR位数 状态周期 抽头配置 LFSR位数 状态周期 抽头配置 2 3 2, 1 17 131,071 17, 14 3 7 3, 2 18 262,143 18, 11 4 15 4, 3 19 524, 287 19, 6, 2, 1, 5 31 5, 3 20 1,048,575 20, 17 6 6 3 6, 5 21 2,097,151 21, 19 7 127 7, 6 22 4,194,303 22, 21 8 255 8, 6, 5, 4, 23 8,388,607 23, 18 9 511 9, 5 24 16,777,215 24, 23, 22, 17, 10 1,023 10, 7 25 33,554,431 25, 22 11 2,047 11, 9 26 67,108,963 26, 6, 2, 1, 12 4,095 12, 6, 4, 1, 27 134,217,727 27, 5, 2, 1, 13 8,191 13, 4, 3, 1, 28 268,435,455 28, 25 14 16,383 14, 5, 3, 1, 29 536,870,911 29, 27 15 32,767 15, 14 30 1,073,741,823 30, 6, 4, 1, 16 65,535 16, 15, 13, 4, 31 2,147,483,646 31, 28 32 4,294,967,294 32, 22, 2, 1, _____

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LFSR位数	状态周期	抽头配置	LFSR位数	状态周期	抽头配置
2	3	2, 1	17	131,071	17, 14
3	7	3, 2	18	262,143	18, 11
4	15	4, 3	19	524, 287	19, 6, 2, 1,
5	31	5, 3	20	1,048,575	20, 17
6	63	6, 5	21	2,097,151	21, 19
7	127	7, 6	22	4,194,303	22, 21
8	255	8, 6, 5, 4,	23	8,388,607	23, 18
9	511	9, 5	24	16,777,215	24, 23, 22, 17,
10	1,023	10, 7	25	33,554,431	25, 22
11	2,047	11, 9	26	67,108,963	26, 6, 2, 1,
12	4,095	12, 6, 4, 1,	27	134,217,727	27, 5, 2, 1,
13	8,191	13, 4, 3, 1,	28	268,435,455	28, 25
14	16,383	14, 5, 3, 1,	29	536,870,911	29, 27
15	32,767	15, 14	30	1,073,741,823	30, 6, 4, 1,
16	65,535	16, 15, 13, 4,	31	2,147,483,646	31, 28
32	4,294,967,294	32, 22, 2, 1,	32	4,294,967,294	32, 22, 2, 1,