Galoisfeld GF(2^4) mit g(x) = 10011

Nr.	Element		alternativ		als Polynom in β		Kurzform
1	0	=	0	=	0	=	0000
2	β^0	=	1	=	$0\cdot\beta^3+0\cdot\beta^2+0\cdot\beta^1+1\cdot\beta^0$	=	0001
3	β^1	=	$\beta^0\cdot\beta$	=	$0\cdot\beta^3+0\cdot\beta^2+1\cdot\beta^1+0\cdot\beta^0$	=	0010
4	β^2	=	$\beta^1\cdot\beta$	=	$0\cdot\beta^3+1\cdot\beta^2+0\cdot\beta^1+0\cdot\beta^0$	=	0100
5	β^3	=	$\beta^2\cdot\beta$	=	$1\cdot\beta^3+0\cdot\beta^2+0\cdot\beta^1+0\cdot\beta^0$	=	1000
6	β^4	=	$\beta^3\cdot\beta$	=	$0\cdot\beta^3+0\cdot\beta^2+1\cdot\beta^1+1\cdot\beta^0$	=	0011
7	β^5	=	$\beta^4\cdot\beta$	=	$0\cdot\beta^3+1\cdot\beta^2+1\cdot\beta^1+0\cdot\beta^0$	=	0110
8	β^6	=	$\beta^5\cdot\beta$	=	$1\cdot\beta^3+1\cdot\beta^2+0\cdot\beta^1+0\cdot\beta^0$	=	1100
9	β^7	=	$\beta^6\cdot\beta$	=	$1\cdot\beta^3+0\cdot\beta^2+1\cdot\beta^1+1\cdot\beta^0$	=	1011
10	β^8	=	$\beta^7\cdot\beta$	=	$0\cdot\beta^3+1\cdot\beta^2+0\cdot\beta^1+1\cdot\beta^0$	=	0101
11	β^9		$\beta^8\cdot\beta$		$1\cdot\beta^3+0\cdot\beta^2+1\cdot\beta^1+0\cdot\beta^0$		1010
12	β^{10}		$\beta^9\cdot\beta$		$0\cdot\beta^3+1\cdot\beta^2+1\cdot\beta^1+1\cdot\beta^0$		0111
13	β^{11}		$\beta^{10}\cdot\beta$		$1\cdot\beta^3+1\cdot\beta^2+1\cdot\beta^1+0\cdot\beta^0$		1110
14	β^{12}		$\beta^{11}\cdot\beta$		$1\cdot\beta^3+1\cdot\beta^2+1\cdot\beta^1+1\cdot\beta^0$		1111
15	β^{13}		$\beta^{12}\cdot\beta$		$1\cdot\beta^3+1\cdot\beta^2+0\cdot\beta^1+1\cdot\beta^0$		1101
16	β^{14}		$\beta^{13}\cdot\beta$		$1\cdot\beta^3+0\cdot\beta^2+0\cdot\beta^1+1\cdot\beta^0$		1001
17	β^{15}		$\beta^{14}\cdot\beta$		$0\cdot\beta^3+0\cdot\beta^2+0\cdot\beta^1+1\cdot\beta^0$		0001