

3.7. THE NUMBERS OF IRREDUCIBLE POLYNOMIALS AND COSET LEADERS 73

Table 3.5: Specific primitive polynomials over  $GF(2)$  of degree  $n$ :  $1 \leq n \leq 31$

$n$	$(c_0, c_1, \dots, c_{n-1})$
1	1
2	11
3	110
4	1100
5	10010
6	110000
7	1100000
8	10111000
9	100010000
10	1001000000
11	10100000000
12	110010100000
13	1101100000000
14	11010100000000
15	110000000000000
16	1011010000000000
17	10010000000000000
18	111001000000000000
19	1110010000000000000
20	10010000000000000000
21	10100000000000000000
22	11000000000000000000
23	10000100000000000000
24	11011000000000000000
25	100100000000000000000
26	1110001000000000000000
27	1110010000000000000000
28	1001000000000000000000
29	1010000000000000000000
30	1100101000000000000000
31	10010000000000000000000