0)(8x4+10x)+(0x4+6x3+x+17) = (17x4+13x)+1x2+x+17) rod 11 = (1) mod 1)) x4+ (1) mod 11) x3 + (2 mod 1) x + (17 mod 1) = 6x4+2x3+2x4x46 6) (6x 6+3x5 + 35x4+31x3 + 30x2 + 55x+21) rod 11 = 6x6+ 3x5+2x4+ax5+6x2+10 $(2)^{3} + (4)^{2} + (4)^{2}$ 2 (8x5+16x4+12x++x4+2x3+3x) mod11 4(9x) mod 11 = 8x5+6x4+2x3+x+6x

2.

(a)
$$\chi^{3}+L\chi^{2}+2\chi^{4}| = \chi^{3}+1$$
 ($GF(2)=32=0$)

(b) $(\chi^{2}+1)-(\chi^{4}+1)$

(c) $\chi^{4}+1$
 $\chi^{2}+1$

(detail), $I=-1$

(detail), $I=-1$

(detail)

($\chi^{4}+1$
 $\chi^{4}+1$
 $\chi^{4}+1$

($\chi^{4}+1$
 χ^{4}