·37.59 NO 三极数138 DATE YOM 12 邓中强强强和 ex-3 2405 f(x) = 2x+3 (mod x2+1) (f(x) = -7x+15 (mod x2-2), $f(x) = (-\frac{2}{3}x - 1)(x^2 - 2) + (-\frac{2}{3}x + 5)(x^2 + 1)$ = -= x3-x2+ 4x+1-3x3+5x2-3x+5 = -3x3+4x2-x+6+ (mod x4-x2-2) (x2+1)(x2-2)=x4-x2-2 f(x) = (x+1)8,(x)+2x+3 f(x)=(x-2)92(x)+(-1x+15) f(x) = (x2+1)(x2-2) gdx) + ax3+bx+cx+d = (x2+1)(mx+n)+2x+3 7 = (x -2+3) (mx+n) +2x+3 = (x-2)(mx+n)+3(mx+n)+2x+3 mx2+(m+n)x+(m+2)x+(n+3) 3m+2=-7=>m=-3 = -3x3+x2-x+1+ 3n+3=15 => n=4