} = x 6 + 6 x 4 + 6 x 2 + 3 x 2 + 1 ((1) = 1 -> 1 cs primultino

D Eisenstein NO

2) Factors lireales

1(1) = 12 to 3 no time

1(-1) = 5 72 3 paten end

1=913.913 0=912.912.912 1=iveduoble.

3.1) Models 2

10= x6+x2+1

In E0)=1±0 } No tren

In C()=1±0 } boctors

Lineals

12=9-20,2.912 502=9+3.913 of 0=1+cshcil.

Tomorros x2+x+1 er 7+2 [x) vcm> que
es ineshcible (1(0)=1 y J(1)=1) y es c'nis

lactors lively be gross 2; tampoc f. Art,

f = 903.913 of include.

Above tomens. ×3+×+1 3 × +×+1 que un irreducible en 72 Ex3

doserromos que x3+×+1 d3 Ax que no doteremos información.

mos que p = qx3.9x3 or d = irreducible

3.3 Model 3

 $\begin{cases} 3 = x^{6} + 1 \\ 0(0) = 1 \\ 1(1) = 2 \end{cases} \Rightarrow \begin{cases} 0 \text{ tis}(x = 2) \cdot (p_{g-1}) \\ 0(2) = 0 \end{cases}$ $\begin{cases} 4 = (x + 1) \cdot (x^{5} - x^{5} + x^{7} - x^{7} + 1) \end{cases}$

No me de tiempo