Donney Milling

ollino = A

ACXZ

Exlam.

p(x) = an x + ... + aux + ao / ace A ...

Coeficiente Lider

Temino CIXTER ONIMET

independent

son chares.

Burgo (b(x1) = v (worker extravents the obsesses)

BED YEXI ON box)= aux, +...+ axx+ ao x

 $p(k)+q(k)=\sum_{i=1}^{max(n,m)} (a_i+b_i) \times_{i=1}^{i} (a_i+b_i) \times_{$

& (b(+) & (+) & & (b(+))+ & (d(+))
& (b(+)+d(+)) < wor (d(+)) \ d((+)) \

-> La ignaldad se dá en A=DI

EXZY B (1)d

a E A er. a: A[x] martisme

p(x) > p(a)

ac / a es rate de port <=> prop = 0

23 (0)9 (0)2 (0)9 Z6 [X]

Straw + A Lx3A

Actes, ve obvisanto

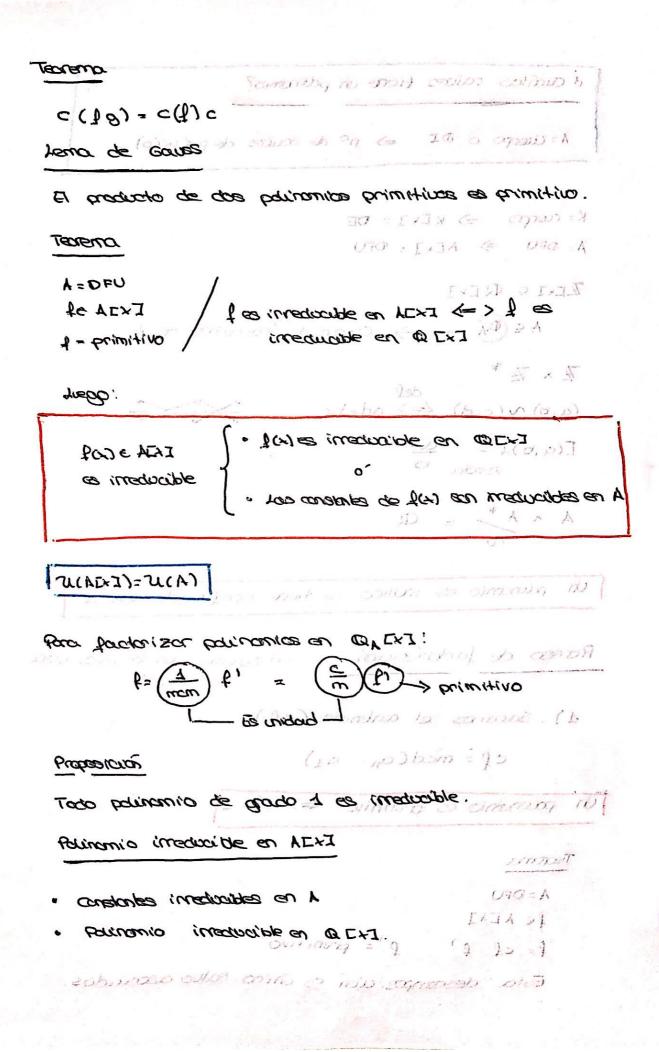
Pademos cape como dementos 0,1,2,3,4 0

Terrema!

p(w) = (x-a)(q(w))+r

p(a) = 0+r => |p(a)=r| (x) => sun 3 = 0 | 1 > 0

d'auxitos raides tiere un pauramis? 9011) = - (01) N= Checko o DI ⇒ νο σε νοπορε σε δ ξ δι(b) withmen to exist more consuming took so stratung 13 K= cuerpo => K Ex I = DE N= DFU => KCX] = DFU ZEXIS QEXI IXJA 51 I KIN MY SHIDING TO ! A & CAA CHORD de Adams de A 7 × 7 * del (a,b) ~ (c,d) ⟨=> od= bc [(4,b)] = 16d,b)]. J 54 2 609 serda b Un polinamio es ménico si tiene coetraiente luder 1 Roses de fadorización idea caro co consumo si al final) 1) Sacaros el antenido (cf) cf = mad(an...as) an banuario es trimitio => cf=7 DUBLIBLE A = DFU A CER ESTRAGRANTE ESTRUCIONED . Te YEXI f = cf · f, f = truniting Esta decranços: aián es único estus asaciados.



Escar au valg campleior.

En la factorización de un potramio de busca:

- eapabin => unidades
- (a) (a group & -> ineducible on a supra of
 - . Blago > 7 ⇒ seippewerf legisciple

si un politanto de grado n primitivo es ineducible si no tiene factores housto $\frac{n}{2}$

Liste patromies irreducibles A = 722 $\cdot \times \cdot \times^{2} \times \times^{2} \times^{2} \times \times^{2} \times \times^{2} \times \times^{2} \times \times^{2} \times \times^{2} \times \times^{2} \times^{2} \times \times^{2} \times^{2}$

t = (n,a) bom <=> modera <=> mod (n, a) = 1

THOUGHT HOLL

(= (m, n) no somether)

Fodorizar on TECKI (OCKI) supple the telemotral somewif > B puedo encentror ACXI + BCXI UTO = B, A 4(4)= 6(04) x + ... + 6(04) x + 6(00) Proposición De (E) 1 Des de (E) 10 De (A) (A) 20 A de le AEXI dimension of invostrations at no & ct)= & (6(8)) 1 se generale caus 1=(8/1) suaces ((1)= 6(8) ((a) propice part factorización se es es the san unidades in the **Euclasian** f fadariza car (n,m) => 4(f) factoriza (n,m) I No trace teache durage; ge ande now of confusionacibiaco. The opening is experient 21 h(t) watices force of dags is => Two these forces de grado r Gudario oldisappening c= oldisappeni(1)9 A= DE (DIP) A = A = 20> [b] e A es unidad (=> mad(b, n) = 1 = cuerpo <> \n = primo

Tecrema

Un autro tiere abentre una pobolata de un primo de elementos.

sold newson to 1 + 58+ 4 HOS of TV

Daywar of oh

DONAL DE TOTALO ONSON ME

1+2 027 10 0 Will on 9

of so which on Eq

1, 5 12 Stroll on 9

shap basiting for the $u \cdot 1 = 0$ o 0 or, no post virbino: Yo calongeriether as a willow experience are a willow the gettine actually used.

. It was adorderistica o

. In here anaderistica n.

Tato aesto tiese anecesieria un primo o O.

Criterias de primalidad

A functions

(2) we figure 6 as welfigure 3 of adding a function of)

 $\varphi(\alpha_n x^n + \dots + \alpha_0) := \Re(\alpha_n) x^n + \dots + \varphi(\alpha_0)$ Redución módulo prino: $\varphi(x) \longrightarrow \chi_2[x]$ $\varphi(x) \longrightarrow \chi_2[x]$ $\varphi(x) \longrightarrow \chi_2[x]$ $\varphi(x) \longrightarrow \chi_2[x]$

Teasona

AY B = DEU

6, 4 -> 8 watere

e. ACXI → BEXI monfiamo

PCK) EXI primitivo

BLC61= BL (6(61) 1,02011 NO STEDE HELLER CENTRO!

 $\rho = reducible \Rightarrow \forall (\rho) = reducible$

siere caque el conhormectocco:

P(p) = i meducible => p = i meducible.

Ver BI pcul= «4+8x²*1 & imedical ble.

P(w)= pcu) mod 2 = x4+8x³ - 1

P(co)=1

P(ci)=1

P(ci)=1

No tione forces

x4+x3+1 [x2+x+1

No to divide

P(x) *imedical ble on 3 [x1] => pcx) imedical ble on 3 [x1]

substance a service se extras:

Substance of an Harreclasso.

Criterio de Evarden (i, No vale en QEVII) (100)?

A = DFU

P(N) \(\text{A} \)

P = \(\text{Crimo} \) \(\text{A} \)

P = \(\text{Crimo} \) \(\text{A} \)

P no divide a ac para (\pm 1)

P no divide a ac

P no divide ac ac

P no divide ac

Pases! " officers yet " (3. QEXT, -> Lo llevo a 7EEXI > on white sold o oter mines ケエトコ 1) Calcular et contenido cf = med(ani...ido) 31 no as no midad, el pouranto es usquerps i ha tiens na foctaisama 2) 1'= primitio). Apuco (Eisendein de (p) 8 10x1= 0, x0 , == +00 = 1 10=(10)8 PET < prima> / plac (=0, ... 12-4) => f'= inedu. PX an Ap2 + and 8) suco factures de Brado 1: ax+b/f = anxn+ ... ras on order or my blbo | f=(ax+b)g & more applied to S oberya 1029 2 4) Bi no tiene factores unealer reducimos woogno timo: -- d=(x)1 (sp-an) (10 as) 2,3,5,3...

1 No prede perder grado!

5: fe = imeducible => f = imeducible

Blackars of Black Laure of 16 up tiens factors

B) " Toy desesperce"

Injection up garlo or up see the palatures (1) algera pista o algo. E17.7

Brances que a politionió as radiosippi. Braco factores de acordo s:

$$\begin{cases}
\theta(a^{3}) = p^{3}
\end{cases}
\begin{cases}
\theta = p^{3} \mod (x - a^{3})
\end{cases}$$

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\end{cases}$$

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\theta = p^{3} \mod (x - a^{3})
\end{cases}$$

$$\begin{cases}
\theta = p^{3} \mod (x - a^{3})
\end{cases}$$

Lugo: Ogas

Rad resolverso was facul nyinsonas a panamio que mesto compe de radiade:

Para grado 2:

$$2(x)=b_0$$
 $\frac{(x-a_1)(x-a_2)}{(a_0-a_1)(a_0-a_2)}$ $\frac{(x-a_1)(x-a_2)}{(a_0-a_1)(a_0-a_2)}$

stratuni da co is Eujo 3 92 y calculo todos as divisares, calculo teaces cas barrowings as radiable. By these costinuous en other descentance. By those on Items and quivide at unestro

etero9