From , f E FIX] - monsonen FEX3/(f) = fg = g+(f) [g ∈ FEX] g=fg+fh/hEFEXJ/ g=gf+r, degredegf $q = r \leq q - r \in (f)$ FEX3/(f) = $\sqrt{r} | r \in FLXT$, key $r \in deg f \uparrow$ $(\overline{r_1} = \overline{r_2}) = 1 + (r_1 - r_2) + (r_1 - r_2)$ Tolophon F G FCX7/(f)

Grebopun FZF[x]/(f)

GINTEFERT JKSF UJLEK: \$(+/=0 4486F[X] FK>F w FAmh EK; f=o(x-h)--(x-tic), of EF Falco4. m.f DAT. FEFEXJ, K>F, f= a(x-4/-- (x-4/) Lundrek, a E F L = AP

(FIRCK)

Anchep

L'orne un prononane un d'huy F e K Jud. Oktober ce, a vonero pa ponorone e eguncibeno e vocaves go asmop pasem, T.P. ores LIC TIP bon & key F GK, in L, e Ti P har & may & B kz, Th L1 = L2

Jopmyn un Bres Lias + Un X + 2x + - + an X" C-FLXJ, on 70

f=an(x-4)--(x-4); 4,- h=10>F an-1 = an (- (4 + -+ 2)) an-z=an Zhiti 19[2]en On-3 = on Z titjte 1ºi ¿jz k= n ao = an (-1) 1 4 - 4 Johnyn ber Bres

 $\left| \frac{\sum_{i=1}^{n} \lambda_i^{i}}{\sum_{i=1}^{n} \lambda_i^{i}} \right| = -\frac{\alpha_n - 1}{n}$ Z から = -2 hitzte = - 2n-3 15icje 16 = n 42-- In = (-11h an

Curret pura sommohu Day. FEX, -x = (FEX, - x n-13) [Xn]

Tyerren of ormomen has a gromenul Te. F[X1 mxn] - Drow (gran n su F-odrece) 3 of 1/ f & F[x_n x_n], f = [aixn', ai & F[x, -1/n-1]. Kn=leynf - cieren un formouro Kn (on 70) 21 F [X1, - Xn] = F [Xom, - Xom] Ho E Sa by: f - and can Xi

3/ f = Zoixi iEI ; i=(i, in) - organium gence $x^{i} = x_{i}^{i} - x_{i}^{i}$; a; $\in F$ 17/20 o dog f = \frac{1}{2}i_{k} | a_i \ d d d d d d d d x, \ -d ey x, \ in-for, in-for, - 12, - 12, - 12, - 12 / (a,6 EF)

2) MH e novem nopegor B/y {Xi(iEND) 1 S/ Scropuna equorenen (hori-2-nom/ amores AH)

Ostevrene : [5] Te. 4 f, g E F [x, xn] => [fy]=[f][g] J-Co [f]=0x1=ax1:-xn, [q]-bx2 Jud. Hegnormen 6 t e Elfs morro 14 m Le = L& J (colonyor c i &) CX2 < 0x° | XX < bx2

Workover egnormen om f + 0x°; wporstonen egnormen om
g & bx2

JK, e: in=1, - 1/2 1=917 ke-1 = 9e-1 1 fe < 9e S = ~~ (k, e) [1+ /1 = P1+41, -- 125-1+15-1-15-1+25-1 M is + 15 < 15 + 25 =) cdx27/ 2,06x/2 - axt. 6xL CXIAXI =) [fg]=vbx1+9=[f]-[g]

Dop. FEFEXMX, Je anné prov, ou 456-Sis $\delta \cdot \delta := f(x_{\sigma(1)}) - x_{\sigma(n)} = f$ 3u5. f-amery (ij) (ij) of=f Tp. X, + L X2 be e consoy- $\pi \rho / \rho \alpha \rho$. $\sigma_i = \sum_{i=1}^{r} \chi_i, \sigma_i = \sum_{i=1}^{r} \chi_i \chi_i, \sigma_i = \sum_$ - enement pour angerpour $\delta_n = x_1 \times_L -- \times_n$ IT, / Om. Siz = \(\frac{1}{i=1} \) \(\tilde{k} \) - cremence ogobe (mores prem oron. co)

3-60 $\exists \sigma \in S_1: i_{\sigma(1)} \geq i_{\sigma(2)} \geq -2i_{\sigma(n)}$ $= \frac{1}{5} - \frac{1}{5} = \frac{1}{5} = \frac{1}{5} + \frac{1}{5} = \frac{1}{5} = \frac{1}{5} + \frac{1}{5} = \frac{$ $= \chi^{2} \sigma(1) - \chi^{1} \sigma(n) = \chi^{1} \sigma(1) - \chi^{1} \sigma(n)$ $\chi^{c_{K}}$ (k) $(k-\delta(s))$ $\chi^{c_{\delta}(s)}$ $\chi^{c_{\delta}(s)}$

· 5 - 6 [] > [] · 5 - 6 [] - e grownen un f (f-anne).) / =) \ \sigma \ '\sigma [\forall] = [\forall] χ_1 χ_2 χ_3 χ_3 χ_4 χ_5 χ_5 epergoone lungere com-l lun i, iz, is Gen. (3,4,1) ----- (1,3,2)

8-am. [85-a/i--xin; i, =i2=--=in

30. Been cum en nom ou ECU

con non mon ou ECU

30. To perculowo a equicibeno (5x g-bs)

D-Go [f] = a x,in - xin ; c, > i, > - > in $f_{1} = f - o \delta_{1}^{i_{1}-i_{2}} \delta_{2}^{i_{2}-i_{3}} - \delta_{n-1}^{i_{n}-i_{n}} \delta_{n}^{i_{m}}$ long by ver · [f] < [f] Japan cross of equation $g \mid g \not \in L \in \mathcal{F} \setminus \{ \subseteq (i_1 + 1)^n \mid g \in \sigma \circ \eta \}$ $\Rightarrow f \in \sigma \circ \eta \circ \eta \circ \tau \in C \cap T$ use assure Cn. & E F [X]; Lund - # kop. har f; g E F LX2- Km) - anner. 21 g(4, 5h) Et 2-C. Fh: q=h(52,5n) =1 g(4m d)=h(5,(4mh), __ 5,(4mh), __ 5,(4mh), / EF EF (5 Rues)