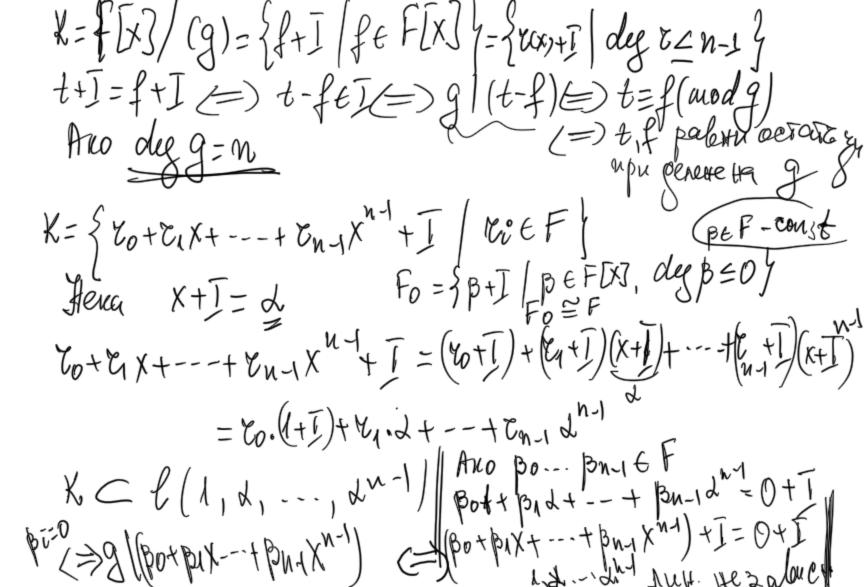
OT 15:00 %. 1 ex que C= {a+bi/a, b ∈ R} = | C e nux. up. bo Hag R c Sasuc 1, i Q(15)={a+615+c125 a,6,c € Q 3/25 (VS) NUH. W/ 60 Har C Farue 11, VS, J250 356R

Your Ha pasnaroute

Merck 28.05

Il F-none u getis, dug? 1, g. Hepasnourue K=F[x]/(g(x)). Toraba: [1) x e nove, I noquore FoZ x! D-60/9- Hepasnottue, I=(9) 2) Ke nut up-le Hag F I Theka tet dim K = deg(g) 1,2,22,-1,2n-10 - Sasue t+[+0+] (t,g)=1 3) d e roper ua q (dek) => f-pasno Huser & K 1= ug + Vt, u, ve F[x] 4 e uzoewpopuzeu Ker 4= {x | 2+I= I } = {09 Vt = 1-4961+(9)=1+1 (=) F=Fock (V+I)(t+I)=9+I=)(t+I)=(+I) K N F-none =) & c'exu Herry neb en. e opparuist, fe FIXI +I, f+IE K/K nun. Fo= \d+ \(\d\ \empty \) \\ FC \(\tau \) \\ \d\ \empty \\ \empty \empt 11 Wy - 60 (dt])(t+])=dt+]EK 4. F >> FO: (4)=d+1



F Note (F notione Ha X) (R pashinglethic F)

4 enemerica
$$Z_2$$
 $d=g=2$

Hepashorthunge $Z_2[X]$ $d=g=2$
 $X=X+I=X+I=X+G$
 $X=X_2[X]/(G)$ $X=X+I=X+G$
 $X=X_2[X]/(G)$
 $X=X+I=X+I=X+G$
 $X=X+I=X+I=X+G$

Il F-none, g & FLX], deg 921 a) Ano 9- 42 pazzous. a) I none R & Koero & rue Kopet =>MMNaid Cl WlefumHe7g g ce passara ya mitorturem or Aicó g pas nottue 9=9192-93 HEPO3104. в хоето се сърършат u upupavatu upeputs Vs 8) uffgrans no des 9 $\frac{y=1}{g} = \frac{1}{g} = \frac{1}{a} = \frac{$ Tipequorarame en e bema sa monution or deg < n-1 Thursday (X-2) | g(X) ((x010) =) g(X)=(X-2).g(X) , dep g=1 Ilputarane inf. sa gilx) 0= (x-c1)ex-c2) 0, (x-(cn) 0

Unp. gef[x], dee=1. Hera Te none treo Te neutronantoro" nonel e rola colo Toralea Te none Ha paznarate Ha g Hap F.

[Axo U-none of UST u FCUST

=) 3 xopet Ha 9, xou TO He e or U) none Ha pasnarate e Q(i)={a+bi[a,60Q4 HON X2+1 HOR Q X-V5)(X+V5X+V25) $[x] x^3 - 5 = 9$

Tb/F-none re g & F[X], des g \le 1 =) Congresses none Ha pasharake Her g Here \$2-60 = T = F T C606 pHa benetien resperse org To= Ml, l: {FCLCT benerous repense une person une possibilité passible le pass TIF-none, ge F[X], deg g > 1 Ano Tin u Ta ca nonera 49 pas rarane Ha g Hag F, Toralea T, = T2 (De3 gov-leg

Thera Thore to pasnarate, got F[x], der g > 1

Hera Thore to pasnarate, dy, in no return trag

9=90xh+91xh-1+-+9u (der g=1), goto) g=goxn+g,xn-1,-+gu 20+0g+---+ dn = - \$90 K sopugna didat didat - - + du-1 du = 42 (n) croupaerey =(-1) = incirc--cin 2, dg. -- dn = (1) - go

T-NONL Ha pasharate
$$(x-d)|g(x)|$$
 $= g(x)=a(x+d_1)....(x-d_n)=g_0x^n+g_1x^{n-1}+...+g_n$

where x^n $a=g_0$
 $a=g_0$

$$\frac{a x^{2} + 6x + C = 0}{d_{1} + d_{2} = -\frac{6}{a}}$$

$$\frac{d_{1} + d_{2} = -\frac{6}{a}}{d_{1} + d_{2} + d_{3} = -\frac{6}{a}}$$

$$\frac{d_{1} + d_{2} + d_{3} + d_{2} + d_{3} = -\frac{6}{a}}{d_{1} + d_{2} + d_{3} + d_{2} + d_{3} = -\frac{6}{a}}$$

$$\frac{d_{1} + d_{2} + d_{3} + d_{3} + d_{4} + d_{4} + d_{4} + d_{3} + d_{4} +$$