HE upollstrules HOMHORU c do a cruit the per $a_5x^5 + b_5x^5 = (a_5 + b_5)x^5$ asxs + bxxx - asbex str 2+3x2-4x4

B= { (ao, a1, ---, an, ...) | Butuitu felway

d= (ao, 01, ----, ---), p=(60, 61, ---, 65, ---)

d= B= l= (co.c. ----) doB=8=(co,c1,-c2,----Cx = ao bx+a16x++-+ ax60 = = ai bx=i= Therea N: a N+iv=0, OH i=0; M: 6n+i=0, ti=0 CM+N+1+i= ao 6M+N+1+i+---+ an+i6M+1+an+i+16M+1-OM+N+1+i=0, +i=0 => & e douthe 2) dB = pd dB = p=(co, ch, ---) pd = 5=(do,d1, ---)

cx = ao 6x + aylen=1 + --+ and co = leo ant 6, and +--+ lenao = de To Anco d= (ao, a1, ---) p= (bo, b1, --) f= (co, G, --)

dipite B Torob (ap) p= d(pp)

- 7 och By= (90, 91, -- -) d(pf) = (po, p1, ---) $Pn = Z \quad a_{x} q_{t} = Z \quad a_{k} (Z, big) = Z \quad Z, a_{k} bigit$ $\Rightarrow x + t = n \quad x + t = n$

C6-60 d, B, JEB => d(B+1) = dB+d1 $\frac{d(\beta+\beta) = (\beta \circ , \beta \circ$ The Arco A e nougranber mocres c equiting Toralea eit-bood of becerker of worther peferre cep. 07 A (B= 3 (ao,...pu,...) | southwith page of Oct o e rollytarnbert upactet c equiniza. B- NPTECTELL HE NOME TO MUTE C NOEST OF A

Brasks Collection Refuzu C noauthouse B=ALX] aneA/CB q(a+6)=(a+6,0,0,---) y(a)=(a,0,0,0, ---) =(0,0,0!-.)+(6,0,0--) $\varphi(ab) = (ab, 0, 0, 0, ---) = \\
= (a, 0, 0, ---) \cdot (b, 0, 0, ---)$ Q e Sueroque A R A A OCOB (0,0,0,0,0,---). (60,61,62,---) = (adeo, ao 61,---(3) Hera ga Senerthum. (0,1,0,0,---) = X $(0, \frac{1}{2}, 0, 0, \frac{1}{2} -)(0, \frac{1}{2}, 0, 0, ---) = x. \dot{x} = (0, 0, 1, 0, 0, ---)$ Xx= (0,0,--0, 1,0,0,--- 0) d= (ao, a1, ---, an, 0,0, ---) = (ao,0,0,--)+(0,a,0,0,--0)+--+(0,0,--a,0,---)
=(ao,0,0,--)+(0,a,0,0,--0)+--+(0,0,--a,0,---)
=(ao,0,0,0---)+(0,a,0,0,---)+(0,0,---a,0,0,---)

deg (0,0,0,--.) = -00 < n (0 n ≥ 0) deg d=0 uny degx-Onp. de (aotax+--+ aux") = n Hair-leucovara crene a) def (d+B) & max ? def d; def by S) deg (d.B) = deg x + deg B Csti = Zabay = 0

g (d. B)= deg x + deg b, n deg p= & } $C_{n+k+i} = \sum_{p+q=n+k+i} a_p g_p = 0$ degra = n Cn+k= = ap6q = a.6x = 0 Holia penereny Her D

3a genere e cacito u octatore) graetus, &- setarde le dependence crapmus nodeb. Ha g'le osparuge cn. Hera deg g=0 g= (60,0,9 60-00 parmer 6 A 3 60 EA f=(80 f).9+0 q=60 f lastato 3a $x^{n-m_q} = (0, -, 0, 60, 61 - -, 16, m, 0, 0)$ $n b_m x^{n-m_q} = 0$ $n b_m x^{n-m_q} = 0$ $n b_m x^{n-m_q} = 0$ $n b_m x^{n-m_q} = 0$

 $9 = 2 + 4x + 3x^2$

f= 2+4x+3x2+2x3+x4

-+ au DenuM 9=60x +6,x +--+ leu-1 f=9,9+8 (60 x n-1 b, x n-2 - + leu-1) (x-B) + ley = 60 x n + (b, -1 bb) x n-2 + (b2-1 by) x n-2 + - + (bu-1 - 1 b n-2) x + (by-1 bu) = an an-1