n stan = E (-1) Ct anit-k an+3 = 3an+2-30+1 △3 an = an+3 - 3 an+2 +3 an+1 - an. + an. (2) cem (an = Mm. h cr. m >0, 20 Aman = 0 = 0 m+1 an = 5 (1) Cm+1 an+m+1-K 2 (-1) Cm+1 an+m+- x= a n+m+1. K=1

m = 2  $a_{n+3} = 3a_{n+2} - 3a_{n+1}$ Ont N-70 d = (an )new yy-T pen. pen. coon. nop. 3, cray Coorhamenno q nopegho le >0. pen jour hop I necoun P: 1R k+1 → 1R (\*) anti = (n+1). an  $\forall N$   $a_{n+k} = \varphi(a_{n+k-1}, a_{n+k-2}, ..., a_n, h)$  $a_0 = 42$   $a_1 = 1.42$   $a_1 = 1.42$ any Eem q he sobress. Of M q(x,n)=q(x,m) ( Oz = 2.1.42 To Tome Der Contin-m my. Tongusharpman

- Per. cooth. hop. k u die R ] Bu - pen Joyone (x) I'm antk = q(ank,, an, n an = dn = bn a = do, ... , an = dk-1 pobis cojo penience. Unei 1-6 (cgy) nebuju , T. K ( get ,, regent " an+k= (an+k-1, --, an, n brune wonger an (1) ( II ( nu) 11 o remy penn (4-16) Jyma a u B yy-T (x) my T. Hummed ) Bn+K= Q(Bn+k-11--18n, N a +6 => > h an +6n. nty Bu (an + Bu AV m < n Um = Gm

 $(\widehat{x}) = \gamma$ Shin croy- peu-esorn. C; EIR an+k = C. an+k-1 + C. an+k-2+ +CKan+Co Anth = CI anth-1+ Czanth-2+. : + CK-1 and + CK an + CO 1) Com  $C_0 = 0$ , N Coothine  $C_0 = 0$ . N Coothine C Coothine an+k+1 = a(n+1)+x = [+1 = C1 an+k+C2 an+k-1+ (+) -c' + Cxan+z, (Co) an+k+1 = (C1+1) an+k + (G-4) an+k+ Unantk+1 = C'antk + - - + Ck+10n + (G-Cz), an+k-2+...  $(4) \begin{cases} a_0 = \beta_0, -1 \end{cases}$   $a_{k-1} = \beta_{k-1},$   $a_k = \beta_k$ + (Cx -Cx-)an+1 (-Cxan  $Q_{K} = \beta_{K}$ .

$$\beta_0 := d_0$$
 $\beta_{K-1} := d_{K-1}$ 
 $\beta_{K} := C_1 \cdot d_{K-1} + C_2 d_{K-2} + \cdots$ 
 $\beta_{K} := C_1 \cdot d_{K-1} + C_2 d_{K-2} + \cdots$ 
 $\beta_{K-1} := d_0$ 
 $\beta_{$ 

 $(x) \longrightarrow (\#)$ 

