impulsini admir: - lastifino homogene: him) = C(1) + C(1) h(0) = C+ Cp= = = C2= = - C4 hin = 1 C1 + 1 C2 = 36 $\frac{1}{2}C_1 + \frac{1}{18} - \frac{1}{3}C_1 = \frac{5}{36}$ = C1 = 12, G1= 1

C2= - - 2

- 8(m) = u(m) i P.U.=0 6h(n) - 5h(n-n) + h(m-2)= S(m) hm= 8(m). = + h(m-1). = -= = h(m-2) WO)= 1 = + = 0 - 10= = h(1)= 0. 6 + 5. 6 - 6.0= 36 h(m) = (= (=) == = (=)) (u(m)

3m (m) = C. (=) + Co(=) + 2. Sp(m) Sm(M) = C, (1) + C2(1) + 1 2mm (1)= 1 C1 + 2 C2 + 2 = 36 6= -5 $\frac{1}{2}(\frac{1}{9})^{m} - \frac{5}{6}(\frac{1}{3})^{m} + \frac{1}{2})\mu(m)$

 $U(n) = U(n) = > K = U_{p}(n)$ $U(n) = \frac{1}{2} U(n) + \frac{1}{2} U(n-1) - \frac{1}{2} U(n-2)$ $U(n) = \frac{1}{2} U(n) + \frac{1}{2} U(n-1) - \frac{1}{2} U(n-2)$

sm(0) = \frac{1}{2}(0) + \frac{2}{2}(0) - \frac{1}{2}(0) = \frac{1}{2}(0)

4 2(m) - MW-D) = MW) mapuloui odsin: um= Sm) -pu-o com - com-2 =0 - homogener 2 -1 -0 22 -0 2100 ±1 (D) (m) = C(+ C) (-1) m - mestarbilan mismi oblisión sea jed stop. : news = hew) 3m (m)= C1+ C2(-1)m+ 3p(m) Sm(m) = C1 + Q(-1) + 1 m 2 m (m) = (m/2) + sm (m-2) 0 = 0.9 (bod) P.U = 0

y(m) = &(m) + y(m-2) 80=1+0=1 U(0 = 0+0 = 0 C1+C2=1= C1- C2= 0 == C1= C2 G1= 1 C2= 1 1000 = (1 + 100) acm) east bulano: John) = Km - doja sujouje: comos 42, 225 K2 KMAM

4.5 = 2 " Z= A

0 m (m)= C1+C2(-1) + Jp(m)

13mm(m) = C1 + Q(-1)M + 1m

Jm (m) = (M(M) + 13pm (M-2) 9m (0) = µ(0) + 9m (-2), 2bog PU = 0 Sm(N)= M(1) + ym (-1)

G+ Co= 1 G= 1-01

G- 92+=1

G1-1+C1 + = 1

2C1 = 3

C1= 3 C2= 1

Sm(m) - 3+4(-0"+ 1)u(m)

partifulario:

Ob(w)= KW

- doja sujanje:

recuda

Stew)

An", AT I KA"

ANT N= 2 KM. TM

all bigg by general bull to harden wijedi jeduoubost

it- redevencija pobude (ordie = 1) li - barjour boroklaristique timber

(A) Inia 2 i cum = 2 pulm)

onda bi bib yelm) = Km2

Kontai?

Km- K(m-2) = 1

18m-18m+216=

5 mm) - 50/(n-1) + 60/(n-2) = U(m)

- homogona:

13(m)= 5g(m-1)-6g(m-2) + 8(m)

NOW = K

K-2K+6K=1

- oustabiliam

SN(m) = C, 3" + Q1"

mismi odrair:

U(m) = U(m) - P.U.=0

8m (m)= G3m+C2.2m+ 1

C+C2+=1 => C2-=-C1 BC++C2+=6

30+1-20,+==6

C1 = 3

C2=-4

12m(m)= (28 - 48 + 12) (u/m)

62=-2

W/W)= (05 - 22) / (m)

Up(m)=K

K- 5K+6K= 1

Sw(m)= Su(m-1) - GU(m-2)+ MM

12m(0)= 50-6.0=1=1

13mm (1) = 5-1-6-0+1=6

- a. 62 1/2 - 30 1/2-2-10/2 10

31 (42) = (1) 4

1=2===21

JM(m)= (01 + 0

minus 00

man = trial

Damley = 0.7

C1 + 0 + 1 = 1 =

a+c2+===

Cz = 8-1

 $\zeta_{mi}(n) = \left(\frac{1}{2}\right)$

him = 1/1 m = 2) + 2m)

him = 1 0 - 0 + 1 = 1

him = 2 1 - 0 + 0 = 2

C1 + 0 = 1 = > C1 = 1

C1 + C2 = 2 = > C2 = 1

him = (1 + m) uim)

(200) = K m2 = -0 bja šinjeno u H 300

Km2 - 2.km-1) + km-2) = 1

VC2 2.Km2 + L+m-2.K + km2 - 4Km + 44 = 1

-12 1-strule vealur harjon
2-2: = = 2t

2/(m)=(C1+C2m+ + Gm2-1)1,"

missio incien

um)= pulm) - p.v. =0

(m/m)= C1 + C2 m + 12

G+0+1=1=> C1=1/2

a+c2+==3

Ce= 8-1=2

2m(n) = (1/2+1/2M+1/2) M(m)

12/m)= K.m² - oloja šinjevo u 4.900d.

Km² - 2/m-1)² + k(m-2)² = 1

Km² - 2/m² + 4/m - 2/x + 2/m² - 4/m + 4/x = 1

k= 1/2.

you (m) = hy (m-1) - y(m-2) + /4 (m)

You (0) = 20-0+1=1

Smill = 21-0+1=3

8. codotok: sim - 49(n-1) + 49(n-2) = win) Man = 4/2(m-1) - 4/2(m-2) + 8(m) 110)= 40-40+1=1 inpulsu of sit 11500/2 cgm - 4cgm-1 + 4cgm-2 = 0 - homogena MUS 41-40+0=4 10g -1 2-42+4 G1 + 0 = 1 => Ope 1 2- -0 201+ 202 = 4 Line L. - mestaxion 202=2 SYLMI= C12" + C2.W. 2" h(m) = (1"+2"m) u(m) box + u tuojus aid-- chab - 2 (1+m) (1/m) minui comit: Je(m) + K WM= MAN) - P.U =0 W-4K + 4K -1 (m) + G2" + G. W2" + 1 Lat 3m(m) - 40mm (m-1) - log (m-12) + Mm) G+1=1== G=0

tigles invited

um= um) - p.v.=0

2mm= G2" + G. M2" + 1

G+1=1=> G=0

262+1=5

C= 2

Smm)= (2m-2m+1) (m)

SPEMJ= K

K-4K + 4K = 1

Kal

ym(m) = 4ym (m-1) - 4gm (m-2) + pla)

124107=4-0-4-0+1=1

9m 10= 1-1-4-0+ 1= 5

Shame Co

MANAGE

We plan

Jun (11) = 0

= 0,

Cut

+Ci

Down!

5 Ag(m) - Ly(m-1) + y(m-2) = U(m) iniqueleni od sion: um)= 8(m) - P.U.=0 imagena: 10 - 40 m-1 + Cym-2 =0 4g2-412+1 = 0 215 = 1 = 1 malioner -WA(M)= Cr(=)"+ Gm(=)" minu of line mus=mm -60=0 Smin)= C((1) + G.m (1) - vigin) = C1 (1) m + C2 M (1) M + 1

Win = Win-1) - + Win-2) + + 8(m) MON = 0 - 1 0 + 1 - 1 MM = 1 - 10 + 10 = 1 C1 = 1 C, + + C2= + C2x 1 $\mathcal{N}(n) = \left(\frac{1}{L} \left(\frac{1}{2}\right)^n + \frac{1}{L} m \left(\frac{1}{2}\right)^n \right) u(n)$ いらいかって HK-HK+K=1 401 (m) = you (m-1) - = gon (m-2) = = pr(m)

mini oblair:

$$S_{m}(m) = C_{1}(\frac{1}{2})^{m} + C_{2} \cdot m \left(\frac{1}{2}\right)^{n} + O_{3}\rho(m)$$

$$= C_{1}(\frac{1}{2})^{m} + C_{2} \cdot m \left(\frac{1}{2}\right)^{m} + 1$$

$$\frac{1}{2}C_1 + \frac{1}{2}C_2 + 1 = \frac{1}{2}$$

$$k(m) = \left(\frac{1}{4} \left(\frac{1}{2}\right)^m, \frac{1}{4} m \left(\frac{1}{2}\right)^m \mu(m)\right)$$

State = 9m + 9m = 3(=)"-2(=)"-32" = ((=)"+32") pum)= year (m)

DOOATHO YEAR) also un mije jedinicina stopenica (osim also je stramo tako sadano)

1. Spem) = K. W. 3" ERM 3" - SR(m-1)3" + K(m-2)3" - 3"

5. 3pm = K2 m-2 m K2 - 5. K2 + 6 K. 2 = 2 m

8. $3p(m) = km^2 \cdot 2^m$ $km^2 \cdot 2^m - 4 \cdot k(m-1) \cdot 2^m + 4 \cdot k(m-2) \cdot 2^m = 2^m$

9 (spin) = Kn2.2m 4 Kn2.2m - 4 (kn-1)2 + (kn-2)2 = 1