

adatal 51 Sustan nije aditivan Eadatak 6. S/x(u) = 5) u (Nu) x 2(n) Fadatal F. (16) = 201(2) + 1 (212) = y(+) sulveten+ sin (016) a) y(2)= siu(u(2)) y(+)= 29,((+) + /29,214) = & Space (+) + psinter(+) ult = dult + purit) = 1 0= t(20,16) + t purit)? = 6, 6) 4+ 20(t) a(t)= Luit) + pualt) = = cos(2 (11(t-1)) + cos (2 uz(t-1))? + e) y= eos (6/t-1) 11)-12 yold + 1 42(1) =) y= 2 cas(4(t-1)) + 5 cas(4(t-1)) } 4(t)=du(t)+pu(t)+pu(t)+pu(t)+pu(t)+pu(t) ? + 4(t)=du+ Ayr = d(u(t)+pu(t)) + p(u2(t)+pu(t)) ; + al) y= (14)+cos(4) u(t) = Lu(t) + sur(t) = > = siuldon(t)-1) +siu (sur(t)-1) } e) y(t) = sin(u(t)-1) 4(1) = duelt) + syn(t) => 4= d(e) 4 (a(t)-1) + (bin (ur(t)-1)) Earlatar 8, 4(t)= J, U(T) dt (1) = 2012 + 12 42(2) =1 4 (4) - 2 01(2) de + 12 42/0000 4(t)=29/14) +54/16) +> g(+) = 2 SUNTO DT + 3 SUNTO ST Nonjewinesti) 7 - Cheera y(2-7)= li(T) st S(U(+7))= + == t 4(2-1) SE 9= 2-7 3 (u(t-+))= 5 uto) da / ges J=u-sver. negro Ja= 07 a+T= 6= > a= 6-T 2-24,0-6-7 4 (2)= 1 (1) 12 /2=5 - Integral-sue-on/86. (0) + view neproxy.

×(n) = 31,23 4(n) = 36-1,-4,-13 h(u) = x(u) & y(u) = \(\sum_{==\infty} \) x(u) y(u - u) = h(0) = 2 x(m) y(n-m) = x(0) · y(0) = 1.6= $|M(1)| = \frac{1}{2} \times |A(u)| + |A(1)| +$ h(2) = E x(w) + (2+w) = x(0) + (2) + x 1) y(1) + x(2) y(0) = 1. (4) + 2+1) + 0.6 = -4-2 = 6 Zaplatal 13. h(h)= 3 plu) u(u)- 2 plu) $y(u) = h(u) \times u(u_1) = \frac{1}{2} h(u) u(u-u) = \frac{1}{2} u(u_1) = \frac{1}{2} u(u_1) = \frac{1}{2} u(u_2) = \frac{1}{2} u(u_1) = \frac{1}{2} u(u_1) = \frac{1}{2} u(u_2) = \frac{1}{2} u(u_1) = \frac{1}{2} u(u_2) = \frac{1}{2} u(u_1) = \frac{1}{2} u(u_2) = \frac{1}{2} u(u_1) = \frac{1}{2} u($ $= 2^{n} \left(\frac{3}{2} \right)^{n+1} - A = 2^{n+1} \left[3^{n+1} - 2^{n+1} \right] + \left[3^{n+1} - 2^{n+1} \right] +$

7anotas 15. (3n+3)* f(2n-4) (3h+3)*1(2(u-2)) = 3(n-2)+3 = 3u-6+3=3u-8230+02 16 4(n)-74(n-1)+104(n-2)=u(n) = u(n)=(4n+7) 4(-1)=0 4(-2)==== 7 1 1 49 - 40 7 = now ogenei 9/2= 2 9 - 7 9 +10 = 0 Muln) = (1(2)" + (2(5)" That ha Cerno 40 (m-1)= 20 + 2, (4-1)=20 + 214-21 (1(t) = 4n++ laplu) = to+to Xu-2)= to+8,(4-2)= 10+414-2KA 10+ tin - 780 - Itan + Iti+ 1016 + 10tin - 10tin = 4n+7 20-720+721+1026-2021 = 7=> 426=7+1321 21-121+1081=4 481=4=5 8=1 y (u) + (t+n) plu) -> prisilai odtiv (8) Edates II. yn(a) = C1(2)4 + C2(5)4 you)= (5+41)2(a) 4+ (w) = C1(2) h + C2(5) h + h +5 y(n) = 4n + 7 + 7y(4-1) + (6y(4-2))410 = 7 + 74(-1) - 104(+2) = 7 + 0 + 10 = 7 - 16 = -9 y(N=4++++y(0)+10g(-1)=11+7.(-9)-10.0=11-62=-12 y (0) = -3 = C1 + C2 + 5 1 + 1 - 14 = C2 = C1 = 5 C1 = -14 + 10 = -4 J(1) = -53= 201 + 502 + 6 + 58 = -28-202+502 302 = -30 C2=+10 ylu = (+4(2)4 -10(5)4 +5+4 /plu) +3 70 talen odor La privadni adaiu 13 20 datal 18. yhlu) = (1(2) + (2(5)) y(n) = 7y(n-1) -10y(n-2) 9(0) = fy(-1) + 10g(-2) = 0 + 16 - + 16 y(1) = Fy(0) - 10y(-1) + -16.7 = -162 -48 +80 3(0) = (1+C2=-16 C1=-16-12 = -16+30= 4(1) = 20, +502 = -112 +32-202 +JC2 = -112 +32 C2 = +8-5 yn(u) = 32(1)4 + 32 (5)4 5 reposentem