

Обернене Е-перетворения Those znaxodne una nochi dobrecció no bioho-bidrici op sit juinnot Z, raz. Sepre nun Z-neperbopennen: $x(n) = \frac{1}{2\pi i} \left(x(x) x^{m} dx (i) \right)$ de interpar y (1) mederabile cosoro Rpub onini atura indepoir no zamery rome RONTYPY C. Due motroru Kontrypon C nome Figur Loro & obracti zobranocti p-yit X(2) & I-mocyuni. Tereye 4 enocosu znaxodmenna I-neparti: 1) - Merod musib exuso X(Z) ← payionansnow opyiero znin-nov Z, to bupaz (1) nomena oginera 3 Dono Lio 2010 + Copenii npo muru, 242 x(n) = 2011 \$ X(Z) Zmd = = = 251; 9 Fn (7) d = cyna murilo Fn(4) Fn(7)= X(7). 7 mg n & [-00 ; +00]

2)- Merod reenepep 8 moro Dire MA Meran X (7) buznara Eroca chibbi Trouvernan. X(F)= ao + ar F + taz F + c+ am F (2) Todi Direntan rucerpuixa ra znamennik orpupação x(Z)=x0+x,Z1+x2Z2+... (3) X(7)= = X(1) = -702i 3 (3) i (4) orpunyeno X(x)= X(0) + X(1) x + ... $\mathbf{x}(n) = \begin{cases} x_n, n \geq 0 \\ 0, n < 0 \end{cases}$ 3) - poskhad pryit X1(7). B cmenenebui Hexau X(7) & 7-neperb. nochid x(n). Buznarumo XI(7) macr. rumom $X_1(\mathcal{F}^{-1}) = X(\mathcal{F}) = \sum_{n=-\infty}^{\infty} x(n) \mathcal{F}^{-n}$ Poskrad prylo X, (7-1) & pad retropa & okon vorku 7-0 &ak!

X1(F1)= hoth, 21+ 22 = (5) Be the ropa rownary op-yit 6 pair Le = f d (x, (Z-1)) | Z=0 Tropibryotoru (5) i (4) no meno

(30 pibryotoru (5) i (4) no meno

(4 χ (n) = (0, n < 0)

N Tipukraa: 3 navru Sepnene I neperb. In go yil X(Z)= 1-137-1 X1(71)= ho+ L1 71+ L2 72+ whe 2-8+ m $L_0 = X_1(x^{-1}) = 1 \qquad (x^n = n \times n)$ $\int_{A} = \frac{1}{1!} \frac{dX_{1}(\overline{x}^{1})}{d\overline{x}^{1}} = \frac{\beta}{|\overline{x}^{1}|^{2}} = \beta$ $\int_{A} \frac{1}{|\overline{x}^{1}|^{2}} \frac{dX_{1}(\overline{x}^{1})}{|\overline{x}^{1}|^{2}} = \beta$ 2= 1 dx1(x-1) = 1 Bd (1-BF1)2 =

 $=\frac{\int_{2}^{3}(-2)\frac{(-\beta)}{(1-\beta\mathcal{F}^{1})^{3}}|_{\mathcal{F}^{1}=0}^{2}|_{\mathcal{F}^{3}}$ X(F1)=1+BF1+B2F2+B3F3+... x(n)= 18h U(n), (Dre cxodunkoboi
p-410) 4)- merod pozerady na npoci opodu Preyo opyie X(Z) zamucana y burnori nuovementil, to ti pozkrad na mpo eti depo-X(7)=1-P1=1+52 1-P2=1+1-P2=1 X(7)= do +9, £1+ ... + am 7 m Bo+61 7 + .. + 6n 7 = 0 6d= -p1)(7-p2) (...) .. (7-pu) nonocu e pizumud: p; 7p; npu i xj. S; E MULTON OP-yir X (7) 6 NOMOCÎ JUJO ZNAXO DUNICA 6 TORUSÎ UNU ZA PÎ ANA TOLO, YOS THATIN E; , NEOSXIONO OSRU CMUNI GUJAZ

\$=(1-pi =") X(=) ==pi Thursan. 3 nou ou observere Insperts. X(7)= 1-0.25 ±1-0375 2-3 Fepenemero Dany o-siro y Burnedi X(7)= 72-0257-0375 72-0,257-0,385=0 715 052 # 100652 +12, = 0527 152 } p, =-0,5 p2 =0,75 tor er nopedor rue, nenum time nopedor ma nenuma, to portrad o vit le npobutoni dobu norune buzzad: X(7) = 7 (7+0,5)(7-0,75) (2+95)(2-0,75)

yaby zaca. oca p-na na \$10,5 3posuno zaniny \$2-0,5 X(\frac{1}{2})(\frac{1}{2}+0,5) = \frac{1}{2}1 + \frac{1}{2}2 \frac{1}{2}-0.75 \qquad \qquad \frac{1}{2}-0.75 \qquad \frac{1}{2}-0.75 \qquad \qquad \qquad \frac{1}{2}-0.75 \qquad \qqqqq \qqqqq \qqqqq \qqqqq \qqqq \qqqqq \qqqqq \qqqq \qqq \qqqq \qqq Š1 (7-0,75) 12-0.0 anapo rizuo 35 (2+02) (2=0.22 1,25 Tidera bubum si znovenne orpunarmo $X(\mathcal{Z}) = -\frac{4}{5} \left(\frac{\mathcal{Z}}{7+0.5} \right) + \frac{4}{5} \left(\frac{\mathcal{Z}}{2-0.75} \right)$ 3 rasmys : 7-1 (-4 7)=-4 (-05)~ 71 (4 7)= 7(0,75) x(n)= 4 (0,75) - (0,5) 1 n=0,1 ...