21.09.20. Дискр. истем. Уз от семинара 3. Покава влекски зра 409. D beno menero, ran nemaro timenne que necquep, paperocorno yp. a. Muence: Ma que borsculla, que unelles ingranas auanous mempy papuoenay yp-en aogk+Ozyk+1 +...+ angk+n=fk и обокновениом дидър. ургем е поеголиноти кегр. $\widehat{a_0} y(x) + \widehat{a_1} y'(x) + \dots + \widehat{a_n} y'''(x) = \widehat{f}(x).$ Kan u B enquae gupp. yn-i, vaenoe pluneaue papucenoso yn-s que upalos части впецианного вида мошет от наидию питром метр. могр. Monte $f_k = d^k (P_{m_k}(k) corp_k + P_{m_2}(k) corp_k)$, age $P_{m_1}(k)$, $P_{m_2}(k)$ - uneconnected CTENERU MI UMZ COOR. Torga raence permenue mourer son mangens & luge YK reem = KS. & K (Qn (K) COSPR + Qu(K) SMBK), (4) rge s=0, lenu de tip me son ropmanu xap.yp. s, 4 S = KNORWERI KOPUS, lena Monderes. M = max(mi,mz) - crenens unowyneuse an(K) 4 an(K). Theodo having rosp. unow yours Qu(K) u Qn (K), mapo noporabus bafamence (4) в кесериор. Ур-е и приравион погр. при породиях чисках. (2.) $f(x) = \frac{A(x)}{B(x)} = \frac{\infty}{x} f_{x} x^{4}$ Main purposery que noen ne fofe fu Penenue: hyent A(x) = ao + axx + ... + axxx B(x) = 80 + 81 x + . + 8m xm Сроду сишили ответ: рекурренто верется ну вида раминатель: | Bm fn+m + Bm-s fn+m-s + ... + Bo.fn = 0. A unerornen A(x) emisen mnous na juarentus fo... fx. horeway Tax: my paeu poeul cuesku b bapamenu $A(x) = B(x) \cdot \stackrel{\sim}{\underset{n=0}{\not=}} f_n x^n$ u приравичем когр. при одинановах егепеньях: ao + a+ x+... + ax f = (bo + b, x+... + bon xm) & for xm Ans i=0...k: $Q_i=\sum_{i=0}^{m}\theta_i\cdot f_{m-i}$ \leftarrow orecoga, quas <math>0o-0k, uaigou $f_0...f_k$.

One i > K+1: $0 = \sum_{i=0}^{m} bi \cdot f_{m-i}$ -bor obenjamens penyppenia.

(3) ao = 1. 2 ank ax=1 Macinu au =? Pennenne: nyour F(x) = & an. x? - nhough p-yer noch-ne an torga benomen, runo $P_{A}(x) \cdot P_{B}(x) = \underbrace{\sum_{n=0}^{\infty} (\underbrace{\sum_{n=0}^{\infty} Q_{k} \cdot B_{n-k}}) 2^{n}}_{x=0}$ $\Rightarrow F(x). F(x) = \underbrace{\underbrace{\underbrace{\underbrace{\underbrace{\underbrace{x}}_{k=0}^{m}} Q_{k} Q_{n-k}}}_{n=0} \underbrace{\underbrace{\underbrace{x}}_{n=0}^{m} = \underbrace{\underbrace{\underbrace{1}_{k=0}^{m}}}_{1-2}$ $F(x) = \frac{1}{\sqrt{1-x}} = 1 + \frac{x}{2} - \frac{1}{2} \left(-\frac{1}{2} - 1 \right) \dots \left(-\frac{1}{2} - k + 1 \right) \cdot \left(-\frac{1}{2} \right)^{k} x^{k} = 1 + \frac{x}{2} - \frac{1}{2} \left(-\frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} \right)^{k} x^{k} = 1 + \frac{x}{2} - \frac{1}{2} \left(-\frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} \right)^{k} x^{k} = 1 + \frac{x}{2} - \frac{1}{2} \left(-\frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} \right)^{k} x^{k} = 1 + \frac{x}{2} - \frac{1}{2} \left(-\frac{1}{2} - \frac{1}{2} \right) \cdot \left(-\frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} \right)^{k} \cdot \left(-\frac{1}{2} - \frac{1}{2} - \frac{1}{2$ $=1+\underbrace{\frac{2}{2^{k} \cdot k!}}_{k=1}\underbrace{\frac{2^{k} \cdot k!}{2^{k} \cdot k!}}_{k=1}\underbrace{\frac{2^{k} \cdot k!}{4^{k} \cdot 2^{k} \cdot k!}}_{k=1}\underbrace{\frac{2^{k} \cdot k!}{4^{k} \cdot 2^{k} \cdot k!}}_{k=1}\underbrace{\frac{2^{k} \cdot k!}{2^{k} \cdot k!}}$ = 1+ 2 1/2 (2K)!! 12K-S)!! 12K = 1+ 2 1/2 (2K)! 2K = 2 1/4 . C2K . 2K. \Rightarrow $A_n = \frac{C_{2n}^n}{4^n}$ orber: (4) honucan seen nhouse group gue faf 4 ["]. Peuseune: necu. npough. p-4110: $A(x) = \frac{2}{n} A_n \frac{x^n}{n!}$ a) one lus Mor process, "mo fat = non-lo encocable papare n-mess. Men-lo podeco wax wengerex regard. Замения, что года коп-во споръешнивных отбраниемий п-этем. Ми-ва в в к-этемияhol will-lo = K! 127 - (hey nowny your again to meynopego remuce, a nonnoncom B ON THALLE WILL - YNOPS GOVERNOOD) NOTANY RYGER CHURCH GAR ON THALLES Eueno uatopol, l' rampai y northex eubles di exoper ni pay paluo ni ne! ne! $\Rightarrow \text{ wheno correct. order. } n\text{-men un-ba ha k-men um-bo} = \underbrace{\frac{n!}{n!}}_{n+1+n} \cdot \underbrace{\frac{n!}{n!}}_{n} \cdot \underbrace{\frac{n!}{n!}}$ => gng rucha capteur onep. npouze. gr-que = (ex1) x a que 1 kg npouge. p-4me = (ex-1) = = { 1 } x1 S) And [#] NOT places, TIMO [2] = THENY INCHEURS SHYAND So, RAM GOT by KOMPOX speperalmoeres в вире произверения ровио к метересен. ушилов. опомо россем опорашения (пе упорозочим ушиго), гогда камдай кего. Это стораquino puanos, no romy quio s youne nope pou lauren $\Rightarrow (x + \frac{x^2 + \frac{x^2}{2}}{3} + \dots + \frac{x^k}{k} + \dots) = \underbrace{\underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1}}_{n_1}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}}^{(-n_1(x - x))^k} = \underbrace{\underbrace{x^n + \frac{n!}{n_1 \cdot n_k - n_k}}}_{n_1 \cdot n_k - n_k}}$ (- lu (1-x)) = (lu (1-x)) =