NEKUUA 2

YUCNA TUPBULLA

T. Kanu
$$T_n = n^{n-2}$$

The mucho none were the AEPERSEB MA

 t_n -vucno nomey. Ropreboux reperses $t_n=n$. T_n $t_0=0$, $t_1=1$, $t_2=2$, $t_3=9$, $t_4=4.16=64$,

$$T(s) = \sum_{n=1}^{\infty} \frac{t_n}{n!} s^n$$
 >kchokekyu Angkari
npouzboarwar P-ur

KAR US TEOPERUM I nonsulute T. KEMI?

YBJ YPABHEHUR F(s)= s.e F(s) ument ! PEW-WE B NP-BE POPULANDUWX CTENERHOUX PRAOB F(s)= Q S+Q S²+ Q₃ S³+...

$$e^{F(S)} = 1 + (a_1S + a_2S^2 + ...) + (a_1S + a_2S^2 + ...) + \frac{21}{2!} + ...$$

ROSP-T NPU PURC. CTENERU K

$$a_1 c_1 + a_2 c_1^2 + a_3 c_3^3 + ... = c_1 c_1 c_1 c_2 c_2^2 c_2^2 c_3^2 c_$$

$$[5^{4}]: \quad \alpha_{4} = \alpha_{2} + \frac{2\alpha_{1}\alpha_{2}}{2!} + \frac{\alpha_{1}^{3}}{3!} = \frac{3}{2} + 1 + \frac{1}{6} = \frac{64}{6} = \frac{64}{4!}$$

ty=64

an oranoshauno Boupamaetca vepes a, ..., and => PEW-UE EAUNCIBERNO

POPMUNA OFFAMERICA NAIPARUMA

(γ(s), ψ(t) - POPMAND NOVE CTEMERICALE

PARAM $\varphi(0)=0$ u nyets $\varphi(s)=s\varphi(\varphi(s))$

TOTAA [sn]
$$\psi(s) = \frac{1}{n} [t^{n-1}] \psi^{n}(t)$$

Y HEAC
$$\psi(t) = e^{t}$$
, $\psi(s) = F(s)$,
$$\frac{1}{n} [t^{n-1}] \psi''(t) = \frac{1}{n} [t^{n-1}] e^{nt} = \frac{1}{n} \frac{n^{n-1}}{(n-1)!} = \frac{n^{n-1}}{n!}$$

$$\frac{1}{n!} [t^{n-1}] \psi''(t) = \frac{1}{n!} [t^{n-1}] e^{nt} = \frac{1}{n!} \frac{n^{n-1}}{(n-1)!} = \frac{n^{n-1}}{n!}$$

Utoro
$$t_n = n! a_n = n! \frac{n^{n-1}}{n!} = n^{n-1}$$

MOKAZOUBATO P-NY OBPAINEHUA NA PAHWA MULTE BYAEM.



MOK-BO TEOPERUM 1

$$T(s) = \underbrace{\frac{t_n s^n}{n!}}$$

$$T(s) = se^{T(s)}$$



AEPEB6EB

F(s) = $\frac{3}{n!} \frac{5ns^n}{n!}$ P(s) - NPOUZBOMAN P-UA NEKOTOPHIX 06 BEKTOB, 3AHYMEPOBAHUHHUX

FREMERITANUI NUMBERA A.

PASOBIGEN A HA Z NOGNUL-BA A, U Az u G(s) - npousb. 9-ua, sakymepobakkaa an-tamu A,

TORAA F(s)=G(s).H(s)



BAHO gn, hn. ULLEM Fn $|A_n| = n \qquad \frac{f_n}{n!} = \sum_{k=0}^{n} \binom{n}{k} \frac{g_k h_{n-k}}{n!}$

MON634906 STBEPHAGEHUEN, MONGUAEN V(S) = S.G(S), THE G(S) - NPOUSB P-UA noneverther necos MA n Beplumax

$$F(s) = G(H(s))$$
 $H(0) = 0$

(AEPEBO PASBULLU HA K NO-ANHOWECTB =>)



B HAMEN CAYUAE
$$H(t)=T(s)$$

BAOK= HABOP $G(t)=e^{t}$

NUCTO K BNORDB, TOFAA

$$F_n = \left[S_n \right] \frac{H^k(s) \, q_k}{k!} \qquad G(t) = \sum_{k=0}^{\infty} \frac{t^k q_k}{k!}$$

$$G(t) = \underbrace{\sum_{k=0}^{7} \frac{t^{9k}}{k!}}$$

$$q_n = [S_n] \frac{W(s)}{K!}$$

