$$T = f \times Seq T$$

$$A(f) = f \cdot \varphi(A(f))$$

$$\phi(s) = \frac{1}{1-s}$$

$$a_n = \frac{1}{n} \left[ s^{n-1} \right] \left( \varphi(s) \right)^n$$

$$A(t) = \sum_{n=0}^{\infty} a_n t^n$$

$$\alpha_n = \frac{1}{n} \left[ \frac{1}{s^{n-1}} \right] \left( \frac{1}{1-s} \right)^n = \frac{1}{n} \left( \frac{2n-2}{n-1} \right)$$

$$(1-s)^{-\frac{h}{2}} 1 - (-\frac{h}{1})s + (-\frac{h}{2})s^2 - (-\frac{h}{3})s^3 + ...$$

$$(-1)^{n-1}\binom{n-1}{n-1}=(-1)^{n-1}\binom{n-1}{n-1}\binom{n-1}{n-1}\binom{n-1}{n-2}\cdots\binom{n-1}{n-1}\binom{n-1}{n-$$

$$\frac{1}{2} \left( \frac{1}{2} \right)^{\frac{1}{2}} \frac{1}{2} \left( \frac{1}{2} \frac{n-1}{2} \right)^{\frac{1}{2}} = \frac{1}{2} \left( \frac{1}{2} \frac{n-2}{2} \right)^$$

$$T = t \times Set T$$

$$A(t) = t \cdot \varphi(A(t))$$

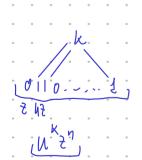
$$\phi(s) = e^{s}$$

$$\frac{a_n}{n!} = \frac{1}{n} \left[ s^{n-1} \right] e^{ns}$$

$$\int_{S} |x|^{2} = \left[ \left[ + \frac{1}{1} \left( |x|^{2} \right) + \frac{3}{1} \left( |x|^{2} \right) + \frac{3}{1} \left( |x|^{2} \right) \right] + \frac{3}{1} \left( |x|^{2} \right)^{2} + \dots \right]$$

$$[s_{\mu}]e_{\mu}=\frac{(\nu)}{\nu}$$

## Роричла кэм: помечеки Nog-bemerer ggr, pn-2



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$$A_{k}(t) = \sum_{n=0}^{\infty} \binom{n}{k} t^{n}$$

$$\beta_{n}(t) = \sum_{k=0}^{\infty} \binom{n}{k} t^{k}$$

$$U, \xi$$

$$C(u, t) = \sum_{n \mid k} {n \choose k} \xi^n u^k = \frac{1}{1 - \xi - 4\xi}$$

$$\bigcup_{k\geq 0} \operatorname{Set}_{-k}(u \times (y_k + y_k)) \longmapsto \sum_{n_{1}k} \begin{bmatrix} n \\ k \end{bmatrix} \frac{1}{n!} z^n u^k$$

Set = 
$$k$$
 (A) =  $\frac{\sum_{k=0}^{k} A(z)^k}{k!} = \frac{A(z)^k}{k!} = \frac{\sum_{k=0}^{k} \left( u \times \left( y_k z \right) \right)}{k!} = \frac{\sum_{k=0}^{k} \left( u \ln \left( \frac{1}{1-z} \right) \right)^k}{k!} = \frac{u \ln \frac{1}{1-z}}{k!}$ 

$$\left(\left|-\frac{1}{2}\right|_{A}\right) = \sum_{k} \frac{\left|\frac{1}{k}\right|}{\left|\frac{1}{k}\right|} t_{A} d k$$

$$\int_{k=0}^{\infty} \operatorname{Sel}_{-k}(u \times \operatorname{Sel}_{20} \xi) = \int_{k=0}^{\infty} \frac{\left(h(e^{\xi}-1)\right)^{k}}{k!} \cdot e^{u \cdot e^{\xi}-u} = \int_{n,k}^{n,k} \frac{\binom{n}{k}}{n!} \cdot 2^{n} u^{k}$$

$$A \quad a_{n,k} = \left[ z^n u^k \right] A(u,i)$$

$$W_{h} = \frac{\sum_{k=0}^{\infty} k a_{n/k}}{\sum_{k=0}^{\infty} a_{n/k}} = \frac{\left[ z^{n} \right] \left( \frac{\partial}{\partial u} A(u, z) \right) \Big|_{u=1}}{\left[ z^{n} \right] A(u, z)}$$

Pasoluepue na craraense. Nopegor Boxun

Seq Seq. 
$$\partial A(u,z) = \frac{\partial A(u,z)}{\partial u} = \frac{\partial (u-z)}{(u-z-uz)^2} = \frac{\partial (u-z)}{(u-z-uz)^2}$$

$$\frac{1}{|-\xi|} = \frac{2}{|-\xi|}$$

$$\lim_{n \to \infty} \left[ \frac{\xi^n}{(-2\xi)^2} \right] = \frac{2^n(n+1)}{4}$$

$$A(u_{17}) = \frac{1}{1-\xi} = \frac{1-\xi}{1-\xi}$$
 $E(u_{17}) = \frac{1-\xi}{1-\xi} = \frac{1-\xi}{1-\xi}$ 
 $E(u_{17}) = \frac{1-\xi}{1-\xi} = \frac{1-\xi}{1-\xi}$ 

Cheduce there chambers 
$$\frac{T_{u-1}}{T_{u-1}} = \frac{u+1}{T}$$

Cpègne # y Merob b reperm.

$$A(u,\xi) = (1-\xi)^{-u}$$

$$\frac{\partial A(u,\xi)}{\partial u} = \frac{\partial}{\partial u} e^{u \ln \frac{1}{1-\xi}} = \ln \frac{1}{1-\xi} e^{u \ln \frac{1}{1-\xi}}$$

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$$\frac{\partial A(u,\xi)}{\partial u} = \frac{\partial}{\partial u} e^{u \ln \frac{1}{1-\xi}} = \frac{\partial}{\partial u} e^{u \ln \frac{1}{1-\xi}}$$

$$\left(z + \frac{1}{2}z^{2} + \frac{1}{3}z^{3} + ... + \frac{1}{k}z^{k} + ...\right)\left(1 + \frac{1}{2}z^{2} + ...\right) - \left(z^{h}\right)B\left(z\right) = \sum_{k=1}^{h} \frac{1}{k} = H_{h} \sim L_{09}n$$

$$A(z) = \sum_{k=1}^{h} a_{h}z^{h}$$

$$z \cdot A'(z) = \sum_{h=0}^{h} a_{h}x^{h}$$

$$A'(z) = \sum_{h=0}^{h} a_{h}x^{h}$$

$$A'(z) = \sum_{h=0}^{h} a_{h}x^{h}$$

$$\mathcal{H}(s) = \sum_{n=1}^{\infty} a_n \frac{1}{h^s}$$