```
han
                                                                                                                                                                       a1=1, an+1= 1+2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         по Гауссовым коэффициентам по:
                                                                                                                                                                                                                                                                                                                                                                                                                      an n-south
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2-071=7CXOg4TCR
                                                                                                                                                                                                                                                                                                -\sin\left(\frac{2}{2^n}\right)
                                     ≈ 12n-1)!
                                                                                                                                                                                     n! (2n+1)!!
                                                                                                                                             n→∞ (n+4)!(2n-1)!!
                                                                                                                                                                                                                                                                                  = 00 -> no npuzhaky D'Anambepa packogutca
                                                                                                       n→∞(n+1)·O((2n+1)!!)
                                                                          \frac{!(2n+4)!}{(3n)!} \rightarrow \lim_{h\to\infty} \frac{(h+4)!(2n+3)!(3n)!}{(3n+4)!} = \lim_{h\to\infty} \frac{(h+4)(2n+2)(2n+3)}{(3n+4)(3n+2)(3n+3)} = 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (2n)!!
                                                                                                                                                                                              \begin{array}{c} \rightarrow \ell_{im} \frac{h \cdot 2^{n+1}}{h \rightarrow \infty} \cdot \frac{(2n+1)!!}{(2n+2)!!} \cdot \frac{(2n)!!}{(2n-1)!!} = \ell_{im} \frac{1}{2} \cdot \frac{2^{n} \cdot h!}{2^{n+1} \cdot (n+1)!} \\ h \rightarrow \infty \quad 2 \quad 2^{n+1} \cdot (n+1) \cdot 2^{n+2} \cdot \frac{(2n+2)!!}{2^{n+2} \cdot (2n+2)!!} = \ell_{im} \cdot \frac{1}{2} \cdot \frac{2^{n} \cdot h!}{2^{n+4} \cdot (n+1)!} 

\frac{1}{3} = \lim_{h \to \infty} \frac{h^{h}}{h! \cdot 3^{h}} \xrightarrow{h^{h} \cdot 3^{h+1} \cdot (h+1)^{h+1}} = \lim_{h \to \infty} \frac{1}{3^{h} \cdot (h+1)^{h}} = \lim_{h \to \infty} \frac{1}{3^{h} \cdot (h+1)^{h}} = \lim_{h \to \infty} \frac{1}{3^{h}} = \lim_{h \to \infty}

\frac{\lim_{N\to\infty} (h+4) \cdot 3 \cdot h^{h}}{h^{2} \cdot 4^{h}} \rightarrow \lim_{N\to\infty} \frac{3 \cdot h^{h}}{h^{2} \cdot 4^{h}} = \lim_{N\to\infty} \frac{5 \cdot (-4)^{h}}{h^{2} \cdot 
                                                                                                                                                                                                                                                                                                                                                                                                                              00 N
                                                                                                                                                                                     \lim_{h\to\infty} \left(\frac{h}{(h+2)\cdot 2^h} - \frac{1}{2^h}\right) = 0 T. e. \sum_{h=2}^{\infty} \frac{h}{(h+2)\cdot 2^h} cxogut(x)
                                               Sarcsin πh + eim πη = 1 -> exogutes = 3 B πρεgene c ταρμομανεσκαμ (τ.ε. τοχε ρασχοσιάτες)
                                                                                                                                                                                                                                   h²√n+0(h)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cxog.
                                                                                                                                                                                                                                                                                                                                                                                                           arcta
                                                                                      3h+n2
                                               h=1
                                                                                                                                                                                                                                                                                                                                                                                                  B=0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            arctg(oc)
                                                                                                                                                                                                                                                                            CXOGUTCA
                                                        20
                                                                                                                                                                                                                                                                                     → cxogutes
                                                                                                                                                 n→00 N3h-n2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          = 0 pack ogutes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      packogutes
                                                                                                                                                  > pacxoguica
                                                                                                                                                                                                                                                                                                                                                 1+2n(-1)h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (2n+2)
                                                                                                                                                                                                                                                                                                                                                                                                                           Elim (-enn)
                                                                                                                                                                    > liman=0
                                                                                                                                                                                                                                                                                                                                1 eim (1-enn)n.
                                                                                                                                                                      n-100 (Nonutary)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             =0
a=1;a=1;a=1/2;a=1/6;a=1/24...
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