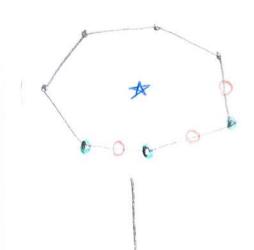
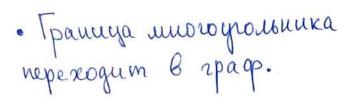
lexque 10.

Сттаем склейки имогоугольников

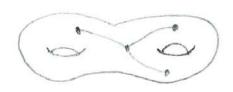
2n-yronomuk



• Скийка опр-ет накрытие сферы, разветвичное над тремя точками







Jaeu, noupraemce Ham amoroge-Huk

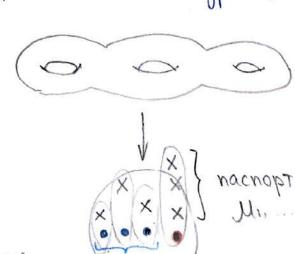


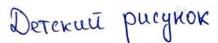
 $\# f_{-1}(o) = N.$

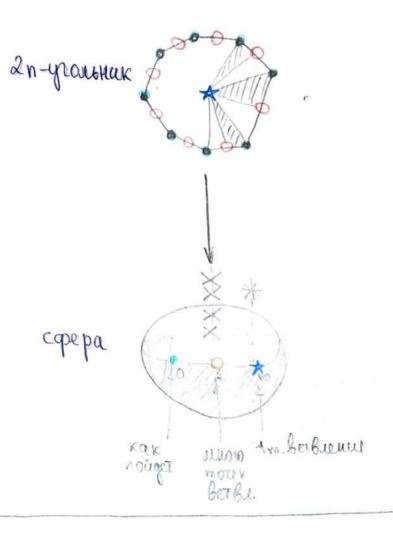
#f-1() - om emoro jabucum pog (moneno berencuero)

(cheznoel)

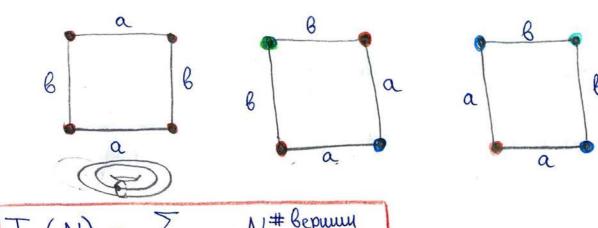
Rpocmue reicia Typbuya him, in, ..., re-smo acmopus npo...







Будии ститать все скийки иногорольника, которые дают ориентируемую пов-ть. (n=2)

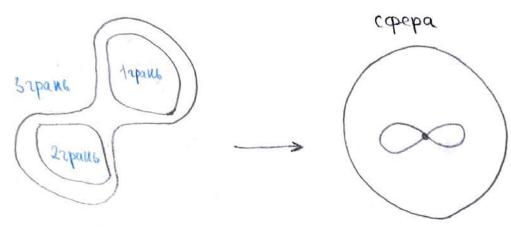


hpourbogeneous que que crieer n-gronsenuros

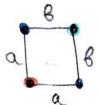
$$T_A(N) = N^2$$

$$T_{a}(N) = 2N^{3} + 1N^{4} = \sum_{cxuu\bar{x}u} N^{n+1-2q}$$

2-2g = # Bep - n +1, T.e. # Bep. ognosnarens onpegeneem pog g cknetiku. Teneps egeraeni uz To euse donomino oponzbogenispo oprismo $T(N,s) = 1 + 2Ns + 2s \sum_{n=1}^{\infty} \frac{T_n(N)}{(2n-1)!!} s^n = \left(\frac{1+s}{1-s}\right)^N$ Hawa yers Bañgen ugganeka... bygen gynath npo an-yrouskiek Kak npo gemckeu pucyuok' c ognoù spallen 26 ming7 Paccuompuul gboūcmbemmen rpap "In-zbejga" Виесто скиенвания сторон иногоуюльника meneps ckienbænne yoob "jbejgn" rpan moro, rmo nonjunoce нужно следить, стобы лента re neperp grubada Cl (max kak opueumupyeuas nob-mb)

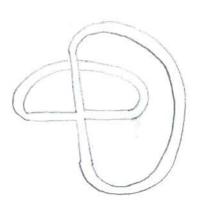


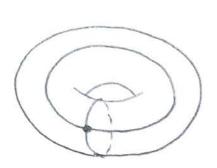
Ima kapmuuka coombemembyem



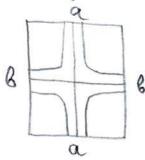
rpanen = # Bepunn







(camogboūcmbumuu pucynor)



Шагием в сторону и будем ститать такие интегралы...

$$\int_{0}^{+\infty} e^{-x^2} dx = \sqrt{T}$$

$$\int_{-\infty}^{+\infty} e^{-\frac{x^2}{6}x^2} dx = \left\{ y = \sqrt{6}x \right\} = \frac{\sqrt{\pi}}{\sqrt{6}}$$

$$\int_{-\infty}^{+\infty} x^{n} e^{-x^{2}} dx = 0, \text{ ecut } N=2k+1$$

$$\int_{-\infty}^{+\infty} x^{2} e^{-x^{2}} dx = \frac{1}{2} \left(x e^{-x^{2}} \right) dx$$

$$= -\frac{1}{2} \int_{-\infty}^{+\infty} x (-2x) e^{-x^{2}} dx = -\frac{1}{2} \left(x e^{-x^{2}} \right) \int_{-\infty}^{+\infty} e^{-x^{2}} dx = \frac{\sqrt{\pi}}{2}$$

$$\int_{-\infty}^{+\infty} e^{-x^{2}} dx = \int_{-\infty}^{+\infty} (-2x) e^{-x^{2}} dx = -\frac{1}{2} \left(x e^{-x^{2}} \right) \int_{-\infty}^{+\infty} e^{-x^{2}} dx = \frac{\sqrt{\pi}}{2}$$

$$\int_{-\infty}^{+\infty} e^{-x^{2}} dx = \int_{-\infty}^{+\infty} (-2x) e^{-x^{2}} dx = -\frac{1}{2} \left(x e^{-x^{2}} \right) \int_{-\infty}^{+\infty} e^{-x^{2}} dx = \frac{\sqrt{\pi}}{2}$$

$$\int_{-\infty}^{+\infty} e^{-x^{2}} dx = \int_{-\infty}^{+\infty} e^{-x^{2}} dx = \int_{-$$

$$= \prod_{k} \int_{\mathbb{R}^{n}} e^{-8\kappa yk^{2}} dy_{k} = \frac{(\sqrt{\pi})^{h}}{\sqrt{\det B}}$$

Mpocmpaucon o spullmobole marpuy Hr

$$A \in H_N$$
, eau $\overline{A^T} = A$.

$$N + \frac{N(N-1)}{2} \cdot 2 = N^2$$

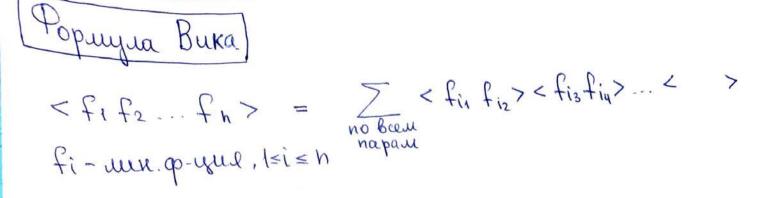
To
$$H^2 = \sum_{i=1}^N \sum_{j=1}^N h_{ij} h_{ji}$$
, npurem $h_{ij} = h_{ji}$ (m.k. (h_{ij}) -3puniola

3 Harring,
$$\int e^{-Tz(H^2)} dt = \frac{(\sqrt{TT})^{N^2}}{2^{\frac{N^2-N}{2}}}$$
How The Mark the state of th

Beparnusemuse np-60

$$\frac{Onp.}{Onp.} < f(p) > = \frac{\sqrt{dtB}}{(\sqrt{n})^n} \int f(p) e^{-(p,Bp)} dx_1...dx_n,$$

$$\frac{Onp.}{Onp.} < f(p) > = \frac{\sqrt{dtB}}{\sqrt{n}} \int f(p) e^{-(p,Bp)} dx_1...dx_n,$$



- План: 1) попеть как скийки свезаны с гауссовни интегралом
 - 2) noventate raycoob numerpail, nepert ge k colombennen znarennen matpuyse B u omgenene ynntapnoù rpynnse
 - 3) racique npourbogensyr que que.

To, 270 He ckajam & Karane.

Ecui crutate

Toubko ckueŭku

poga O, mo

Hynuo, ctobe

beno max Boznon

noe tueno Bepunn

(op-na Fünepobou hap)

Hnu, to mo me camee, korga ckumbaen

nompaem gepebo

katanana Cata

tenocodob ckumto nob-mb poga O - Tucna Katanana Cata

=> Tn = Catn Nn+1 + ...

Due gok-ba 2000 parta:

 $\frac{T_{N}(N)}{(2n-1)!!} = P(n)$ unororien om n

ucnousyjence, eno Tn(N) - mampurament numerpar.