$$< T_2(Z^4) T_2 Z T_2((Z^+)^3) T_2((Z^+)^2) > = F(N)$$

$$\langle (a^2 + 6^2)^2 \rangle = \langle a^4 + 2a^26^2 + 6^4 \rangle = 2\langle a^4 \rangle + 2\langle a^2 \rangle \langle 6^2 \rangle =$$
  
=  $\frac{3!!}{4} + 2 \cdot \frac{1}{2} \cdot \frac{1}{2} + \frac{3!!}{4} = \frac{3+3+2}{4} = 2$ 

$$\langle (\alpha^2 + \beta^2)^3 \rangle = \langle \alpha^6 \rangle \cdot \lambda + 2 \cdot 3 \langle \alpha^4 \beta^2 \rangle = 2 \cdot \frac{5!!}{\lambda^3} + 3 \cdot \lambda \cdot \frac{3!!}{\lambda^2} \cdot \frac{1}{\lambda} = \frac{2 \cdot 3 \cdot 5 + 6 \cdot 3}{8} = \frac{15 + 9}{4} = 6$$

(1) 
$$B = 2 + 2 = 4$$
  
 $P = \frac{1}{2}(4 + 1 + 3 + 2) = 5$   
 $B - P + \Gamma = 2 - 2g \Rightarrow \Gamma = 3 - 2g \Rightarrow \text{undo } g = 0, \Gamma = 3$   
 $\text{undo } g = 1, \Gamma = 1$   
 $\Rightarrow F(N) = 4 \cdot 1 \cdot 3 \cdot 2(aN + 6N^3) = 24(aN + 6N^3)$ 

2 Npu N=1.

$$\begin{aligned} Z_{11} &= \Omega + i \beta \\ &< (\alpha + i \beta)^{S} (\alpha - i \beta)^{S} > = < (\alpha^{2} + \beta^{2})^{S} > = < \alpha^{10} + 5\alpha^{8} \beta^{2} + 10\alpha^{6} \beta^{4} + 10\alpha^{4} \beta^{6} +$$

=> 
$$F(1) = 24(a+b) = 120 => a+b=5$$
.

3 Npu N=2.

a) 
$$i_1 = \dots = i_5 = j_1 = \dots = j_5 = k_1 = k_2 = 1$$
 unu d

Daem Briag B cynny: 2 < (Z11 Z1) 7 = 2.120 = 240

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3	2	9	D	a	2	2	2	Q	D	9	D
3	2	2	D	9	D	4	2	2	2	4	1
6	4	2	D	9	2	2	D	A	2	9	D
6	9	(4	2	(2	D	4	D	2	D	9	D
3	2	A	D	9	D	(1	2	2	D	2	2
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Daem Briag:	2 . (	6.8	+ 21	4.2	) = 8	3.21	1				

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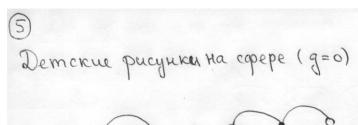
## Umoro:

< \(\sum\_{\infty} \in \text{Zinin Zinin Zinin Zinin Zinin Zinin Zinin Zjiji Zjija Zjiji Zkika Zkaka > = 1 = jijijak, ka = 2

$$\begin{cases}
F(N) = 24(aN + 8N^3) \\
F(N) = 24(a+6) = 120 \\
F(2) = 24(2a+86) = 24.28
\end{cases}$$

$$\Rightarrow \begin{cases}
a+46 = 5 \\
a+46 = 14
\end{cases}$$

$$=$$
  $F(N) = 24(2N + 3N^3)$ 

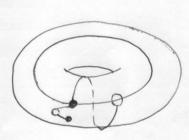


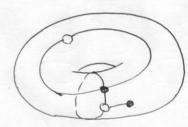




Зграни

Demokul pucyuku Ha mope (g=1)





1 rpans

Т.к. при автоморфизи веринна может перейти только в bepunny moro ne ybena u basenmuocmu, mo | Aut(D) =1 gue Brez gem. puryukob.

 $F(N) = 24 \left( N^{\frac{1}{2}} \left( \frac{1}{2} + \frac{1}{1} \right) + N^{3} \left( \frac{1}{1} + \frac{1}{1} + \frac{1}{1} \right) \right) = 24 \left( 2N + 3N^{3} \right).$