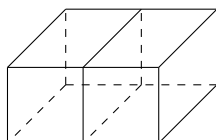


Пяа Yaroshevskiy

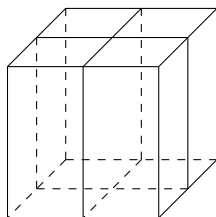
13 мая 2023 г.

Содержание

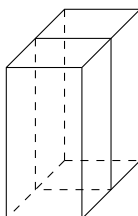
- B_1



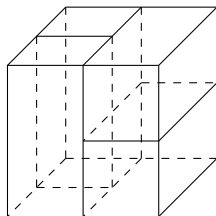
- B_2



- B_3



- B_4



$$S = 1 + (2B_1 + B_2 + 4 \sum_{i=0}^{\infty} (B_4 B_3^i)) S$$

$$S = 1 + (2t^2 + t^4 + 4 \sum_{i=0}^{\infty} (t^{4+2i})) S$$

$$S = \frac{1}{1 - 2t^2 - t^4 - 4 \sum_{i=0}^{\infty} (t^{4+2i})}$$

$$S = \frac{1}{1 - 2t^2 - t^4 - 4 \cdot \frac{t^4}{1-t^2}}$$
$$S = \frac{1-t^2}{1-t^2-2t^2+2t^4-t^4+t^6-4t^4}$$
$$S = \frac{1-t^2}{1-3t^2-3t^4+t^6}$$