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[1].

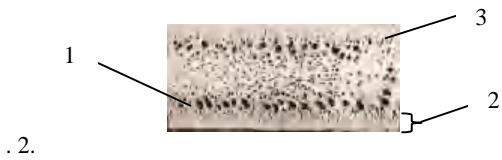
[6]


0,05-0,07

0,03

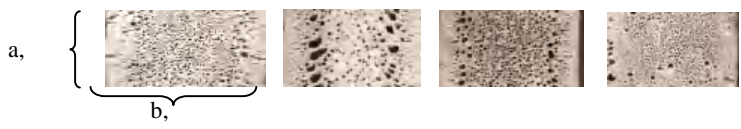
[6].

$10^{-8} - 7 \cdot 10^{-5}$   
 $10^{-7} - 1,5 \cdot 10^{-6}$   
 $2 \cdot 10^{-7} - 10^{-2}$   
 $10^{-1} - 10^{-6}$   
 $10^{-4} - 9 \cdot 10^{-3}$   
 $10^{-4} - 5 \cdot 10^{-2}$   
 $10^{-4} - 5 \cdot 10^{-2}$



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. 3.

$$S = a * b;$$

$$N = N_{\dots} + N_{1/2} + N_{1/4} ;$$

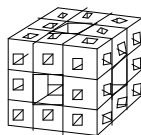
2

$N_{\dots} = 759;$	$N_{\dots} = 373;$	$N_{\dots} = 631;$	$N_{\dots} = 835;$
$N_{1/2} = 34;$	$N_{1/2} = 15;$	$N_{1/2} = 23;$	$N_{1/2} = 36;$
$N_{1/4} = 0;$	$N_{1/4} = 0;$	$N_{1/4} = 0;$	$N_{1/4} = 0;$
$N = 759+34+0 = 793;$	$N = 373+15+0 = 388;$	$N = 631+23+0 = 654;$	$N = 835+36+0 = 861;$
$S = 44*75 = 3300^2;$	$S = 44*73 = 3212^2;$	$S = 44*76 = 3476^2;$	$S = 44*72 = 3168^2;$
$N/S = 793/3300=0,24$	$N/S = 388/3212=0,12$	$N/S = 654/3476=0,188$	$N/S = 861/3168=0,27$

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[2].

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$\frac{1}{2}$  [4].

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$$V_0 = \frac{a^3 \sqrt{2}}{2^2} * 3^1$$

$$S_0 = a^2 \sqrt{3}$$

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$$V_1 = V_0 + \frac{a^3 \sqrt{2}}{2^2} * 3^1 * 2^1$$

$$S_1 = \frac{3}{2} a^2 \sqrt{3}$$

$$V_2 = V_1 + \frac{a^3 \sqrt{2}}{2^2} * 3^0 * 2^1$$

$$S_2 = \frac{9}{4} a^2 \sqrt{3}$$

$$V_3 = V_2 + \frac{a^3 \sqrt{2}}{2^2} * 3^1 * 2^5$$

$$S_3 = \frac{27}{8} a^2 \sqrt{3}$$

$$V_4 = V_3 + \frac{a^3 \sqrt{2}}{2^2} * 3^3 * 2^7$$

$$S_4 = \frac{81}{16} a^2 \sqrt{3}$$

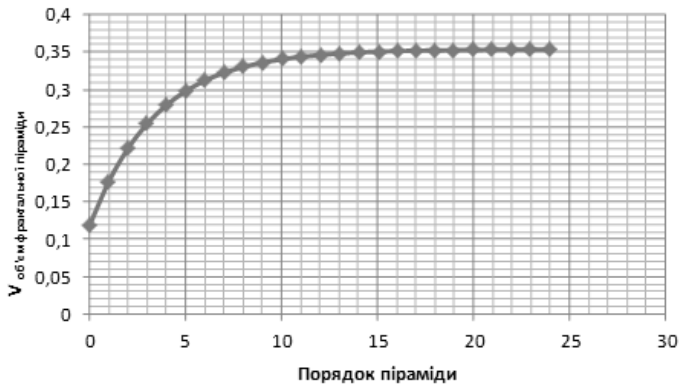
$$V_5 = V_4 + \frac{a^3 \sqrt{2}}{2^2} * 3^3 * 2^9$$

$$S_5 = \frac{243}{32} a^2 \sqrt{3}$$

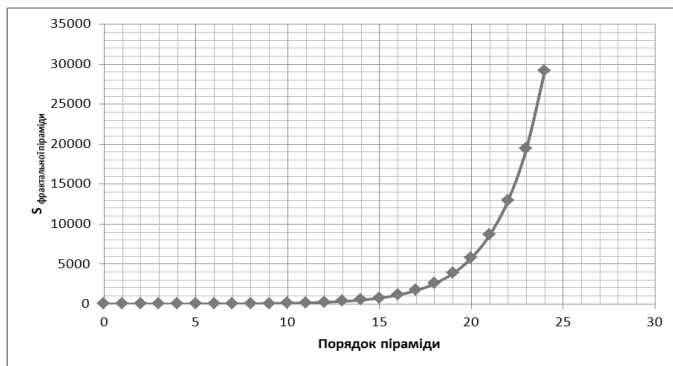
n -

$$S_n = \frac{3^n}{4^n} a^2 \sqrt{3}$$

$$V_n = V_0 + \sum_{k=1}^n \frac{a^k \sqrt{2}}{2^k} (2^{k-1} * 3^{k-1})$$



. 5.



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