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$V_1 \ V_2$.

2.

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-150 -350,

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150), (-350).

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-150 -150 / , -350 -350 / .

-150

-350

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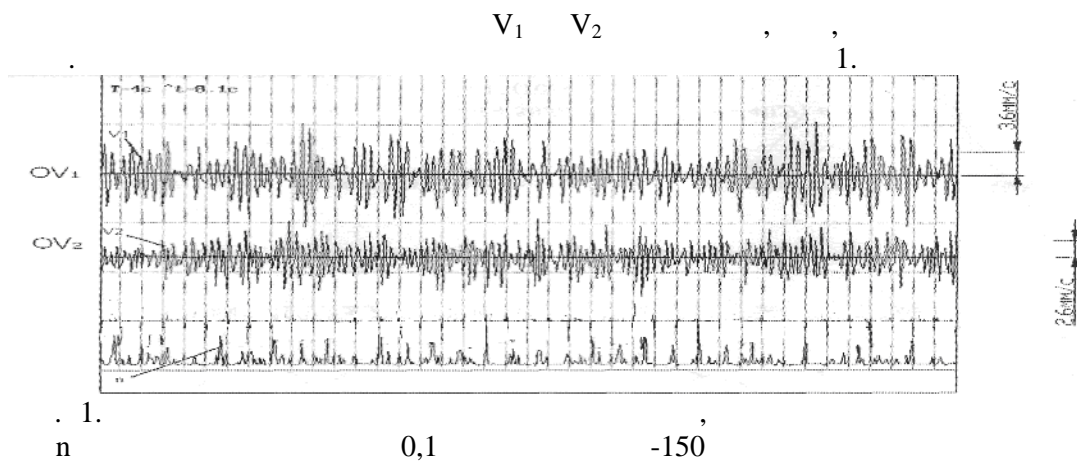
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-003 2 1-8000 -3.

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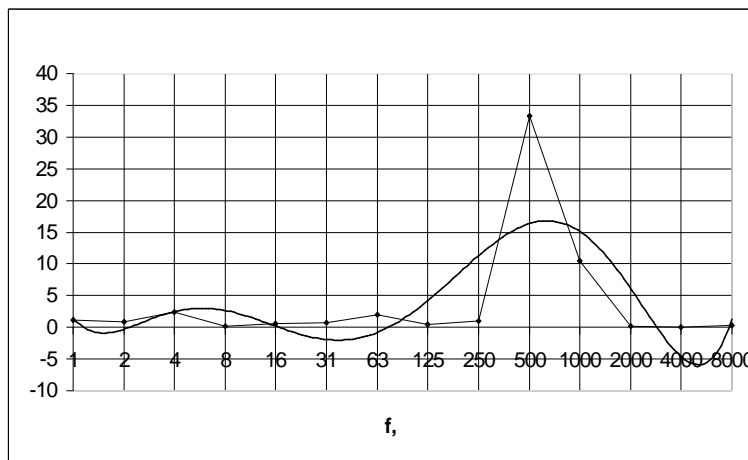
()

$V_1 \quad V_2$

1, 1.

2 3

1 2



2. -150

-150 4, 63 500

1000 2; 2,3; 33,3 10,4.

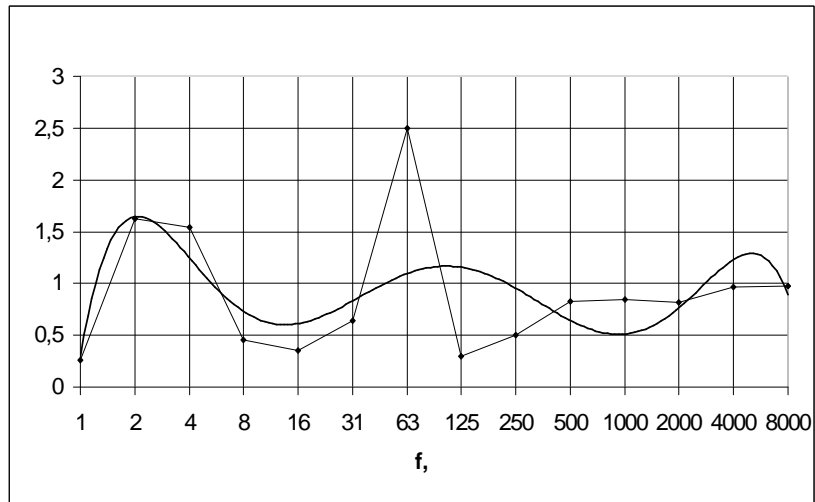
-350 2; 4 63

1,06; 1,7 2,5.

-150

-350

150.



. 3. -350
 $= 0,0017f^6 - 0,0729f^5 + 1,1567f^4 - 8,6516f^3 + 31,349f^2 - 50,504f + 28,223; R^2 = 0,6016$ (1)
 $= -0,0002f^6 + 0,0075f^5 - 0,1357f^4 + 1,1959f^3 - 5,285f^2 + 10,652f - 6,1456; R^2 = 0,6219$ (2)

-150 -350

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(-350) -

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-150 -350

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-350

• , m (11 +; 8 -) (3);

• , n / (495 +; 471 -) (2);

• , l (+;

-) (1).

2³.

1.

$$X_1 = \frac{l - 1,27}{0,23}; \quad X_2 = \frac{n - 483}{12}; \quad X_3 = \frac{m - 9,5}{1,5} \quad (3)$$

1. -

350

	X_1	$X_2,$ /	$X_3,$
	1,5	495	11
	1,04	471	8
	0,23	12	1,5
	1,27	483	9,5
	l	n	m

$$(500)_{500} = (2000)_{2000} \cdot (125)_{125},$$

$$K_{125} = 0.5975 - 0.58X_1 - 0.0575X_2 \quad (4)$$

$$K_{500} = 1.005 - 0.65X_3 \quad (5)$$

$$K_{2000} = 0.5038 + 0.0288X_1 - 0.059X_1X_2X_3 \quad (6)$$

$$K_{125} = 0.5975 - 2.5(l - 1.27) + 0.005(n - 483) \quad (7)$$

$$K_{500} = 1.005 - 0.043(m - 9.5) \quad (8)$$

$$K_{2000} = 0.5038 + 0.13(l - 1.27) - 0.014(l - 1.27)(n - 483)(m - 9.5) \quad (9)$$

-150

, : , (, , - 1, m, - 2 D, - 3.

2.

-150

	X ₁ ,	X ₂ ,	X ₃ ,
	4,5	8,0	60
	2,5	6,0	38
	1	1,0	11
	3,5	7,0	49
		m	D

$$X_1 = \frac{m-7}{1.0}; \quad X_2 = \frac{D-49}{11}; \quad X_3 = \frac{E-3.5}{1.0} \quad (10)$$

:

$$K_{125} = 1.1375 - 0.08X_1 + 0.0825X_3 \cdot X_1 \quad (11)$$

$$K_{500} = 2.215 - 0.498X_2 + 0.23X_3 \quad (12)$$

$$K_{2000} = 1.13 + 0.239X_1 - 0.536X_2 + 0.18X_3 \quad (13)$$

$$K_{125} = 1.1375 - 0.08(m - 7) + 0.0825(D - 49) \cdot (m - 7) \quad (14)$$

$$K_{500} = 2.215 - 0.045(D - 49) + 0.23(D - 49) \quad (15)$$

$$K_{2000} = 1.13 + 0.239(m - 7) - 0.049(D - 49) + 0.18(D - 49) \quad (16)$$

(4 - 6)

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-350

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> 1,

-150 (11 - 13)

, - .

, > 1 .

(7 - 9)

,

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150 / ,

(14 - 16) -

, ± 350 / .

