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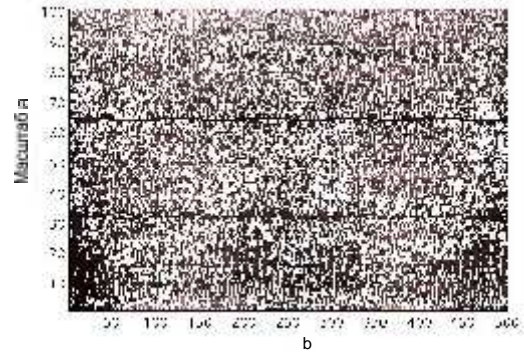
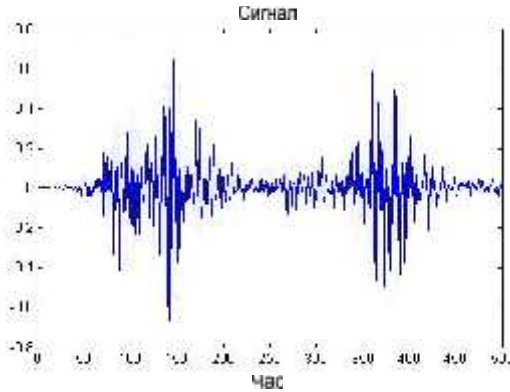
$x(t)$

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$x(t)$

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»

$x(t)$
() [2, 3]:

$$W_{g_k}(a, b)x = Y$$

()

$$W_{g_k}(a, b)x = \frac{a}{\sqrt{C_{g_k}|a|}} \sum_{i=1}^N x_i \left[g_{k-1} \left(\frac{t_{i-1}-b}{a} \right) - g_{k-1} \left(\frac{t_i-b}{a} \right) \right], \quad (1)$$

$W_{g_k}(a, b)x$ — k — ; $g_{k-1}(t)$ — $(k-1)$ —
 ; C_{g_k} — ; x_i — $x(t)$
 $t_i, i=1, N$.

$$. 1 , \quad (1),$$

F — ,

a b (), :

$$F_0 = \frac{Q_0}{Q_\Delta}(N-2k), F_1 = \frac{Q_1}{Q_\Delta}(N-2k), F_2 = \frac{Q_2}{Q_\Delta} \left(\frac{N-2k}{k-2} \right), F_3 = \frac{Q_3}{Q_\Delta} \left(\frac{N-2k}{k-1} \right),$$

Q_i — ; k —
 $F_j^{(0)}$; N — .

$$F_j^{(0)} \quad F_j^{(1)} \quad F_j^{(2)} \quad F_j^{(3)} \quad \dots \quad F_j^{(L-1)}$$

$$S_0 \left(\begin{matrix} F_j^{(0)} \\ F_j^{(1)} \\ F_j^{(2)} \\ F_j^{(3)} \\ \dots \\ F_j^{(L-1)} \end{matrix} \right) \quad S_1 \left(\begin{matrix} F_j^{(0)} \\ F_j^{(1)} \\ F_j^{(2)} \\ F_j^{(3)} \\ \dots \\ F_j^{(L-1)} \end{matrix} \right) \quad \dots$$

$$u = \frac{1}{2} \sum_{j=1}^L \frac{(F_j^{*(0)} - F_j^{*(1)})^2}{(F_j^{(1)} + F_j^{(0)})}. \quad (2)$$

$$(2) \quad F_j^{*(0)} \quad F_j^{*(1)} \quad F_j^{(0)} \quad F_j^{(1)}$$

$$\dagger_{F_j^{*(0)}}^2 \quad \dagger_{F_j^{*(1)}}^2, \quad u =$$

$$\bar{F}_j^{(0)} \quad \bar{F}_j^{(1)}. \quad (2)$$

a b

1. «...» — : «...» — 2002. — 9. — . 31-34.
2. // — 2001. — . 171. — 5. — . 465-501.
3. : 05.13.18. — — 2001. — . 124.