

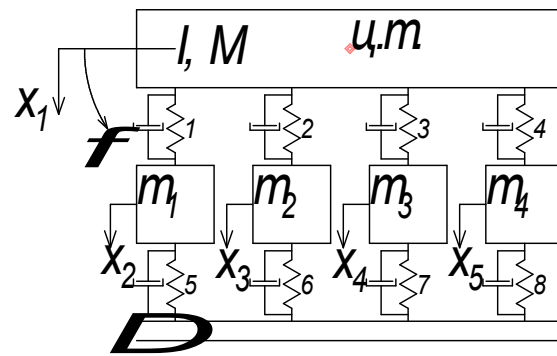
4.

629.11

.....

-70.

. 1.



. 1.

I,  $m_1 \dots m_4$ -

1...8

. 1... 5-

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$$M \frac{d^2 x_1}{dt^2} = \sum F_M$$

$$I \frac{d^2 \zeta}{dt^2} = \sum M_{\zeta}$$

$$m_i \frac{d^2 x_{Ii}}{dt^2} = \sum F_{mi}$$

$$\sum F_M \quad \sum M_{\zeta}$$

( -

),

,

$$\sum F_{mi}$$

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Mathcad,

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25 /

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2

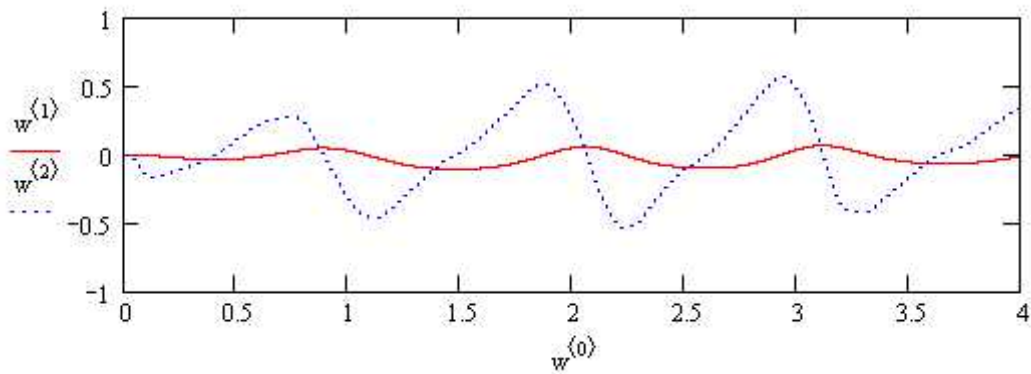
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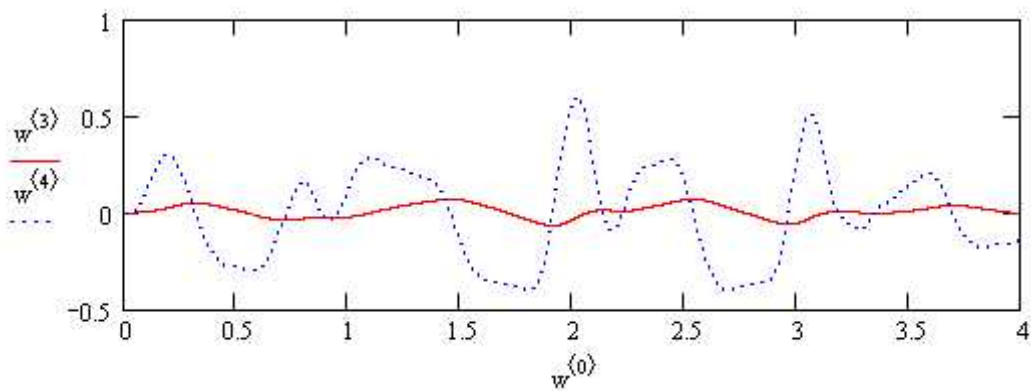
2 3.



.2.

$(w^{(1)})$

$(w^{(2)}), w^{(0)}$



.3.

$(w^{(3)})$

$(w^{(4)})$