

GNU Octave, version 3.8.2

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Octave was configured for "i586-pc-linux-gnu".

Additional information about Octave is available at <http://www.octave.org>.

Please contribute if you find this software useful.

For more information, visit <http://www.octave.org/get-involved.html>

Read <http://www.octave.org/bugs.html> to learn how to submit bug reports.

For information about changes from previous versions, type 'news'.

a = 1.000000

l = 1.000000

T = 0.010000

$\varepsilon =$

1.0000e-10

n = 40

k = 16

hx = 0.025000

ht = 0.000625

Начальное возмущение =

$0.1 * \sin(2 * \pi * x)$

Всего демпферов: 2

Демпфер # 1

x_1 = 0.250000

Верхнее предельное значение w_1(t) =

NaN

Нижнее предельное значение w_1(t) =

NaN

Управляющая функция w_1(t):

51.5127

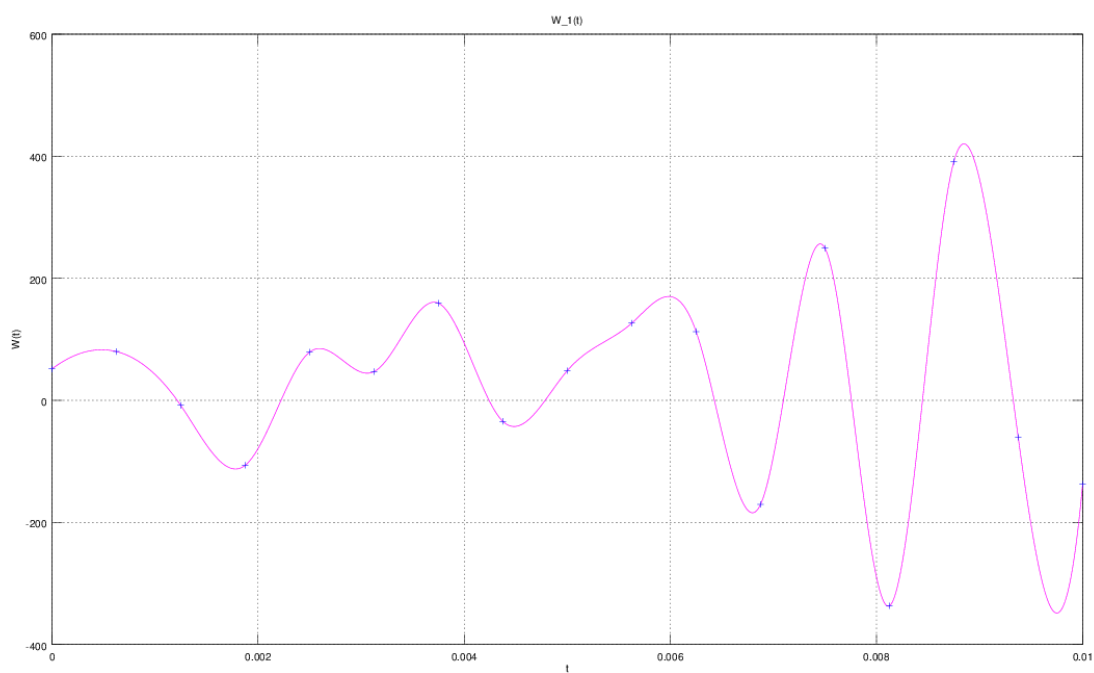
80.0610

-8.1172

-106.2683

79.1302

47.1881
159.2607
-34.2489
48.7500
126.4735
112.7745
-170.3234
249.3582
-336.4900
390.9203
-60.4179
-137.2152



Демпфер # 2

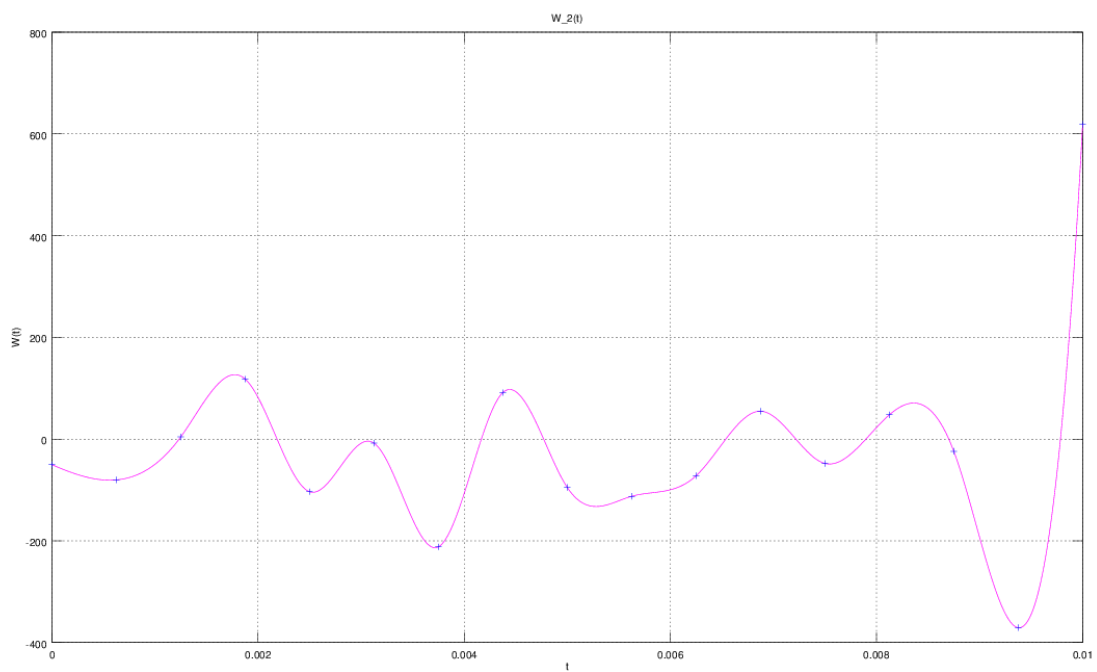
$x_2 = 0.750000$

Верхнее предельное значение $w_2(t) =$
NaN

Нижнее предельное значение $w_2(t) =$
NaN

Управляющая функция $w_2(t)$:

-50.2213
-80.1493
4.3225
118.0353
-103.3611
-7.9189
-211.7284
91.4206
-94.9910
-112.3422
-71.8901
54.8875
-47.8189
47.8448
-23.9218
-370.6354
618.6453



$$E(T) = 0.19718$$

$$u(x, t)$$

