Title of the Homework

Burak ER

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Abstract

Includes the solutions for the *number*th homework problems of *A Hard* class given at Bursa Technical University, in ... semester year 20...

Written using LaTeX...

Problem 1

Sznt (spektral leakage)
An equation..

$$\mathbf{M} = \begin{bmatrix} m & 0 & 0 & 0 \\ 0 & I_x & 0 & 0 \\ 0 & 0 & m_1 & 0 \\ 0 & 0 & 0 & m_2 \end{bmatrix}$$

Subquestion

1. Find this and this...
   (a) Using this...
   (b) Use that...
2. Find the ...

Solution 1

Find this and this...

Here goes the solution... A numbered equation...

$$\det\left(-\lambda^2\mathbf{M} + \mathbf{K}\right) = 0 \tag{1}$$

Using the equation eq. (1), it is found that ...

In fig. 1, it is given that ...

Problem 2

Another problem definition...

Question 1

Text of the question 1

Solution 1 of Problem 2

An equation...

$$EI\,\frac{\partial^4 w}{\partial x^4} + \rho A\,\frac{\partial^2 w}{\partial t^2} = 0$$

An enumaration...

1. my first item

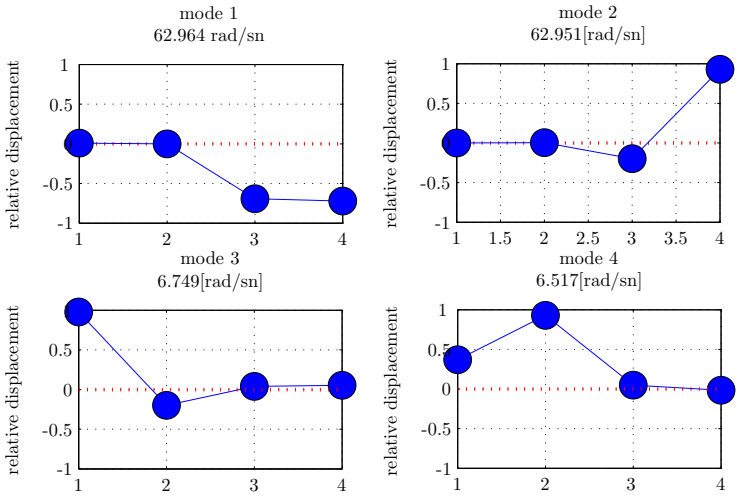

Figure 1: A Figure that is output of LaPrint using Matlab. Use input command to include graphics.

2. my second item
3. my third item
4. my fourth item

Question 2

Text of the question 2.

Solution 2

Solution to the problem 2.