Homework Assignment 10 due in class Wednesday, November 8

Cover sheet : Staple this page in front of your solutions,
with answers where indicated.

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[47] Problem 4.53

What is $T_1 - T_2$?

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[48] Problem 5.25 **

What is the time between maxima? Also, what is ω_1 for part (c)?

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[49] Problem 5.30 **

Hand in the computer program and computer plots.

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[50] Problem 5.37 **

Hand in the computer program and computer plot.
Explain the similarities and differences compared to Example 5.3.

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[51] Problem 5.44 **

Express Q in terms of the parameters (m, ω, β).

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[52] Problem 5.52 *** [Computer]

Hand in the computer program and computer plot.
Compare your results with those of the example.