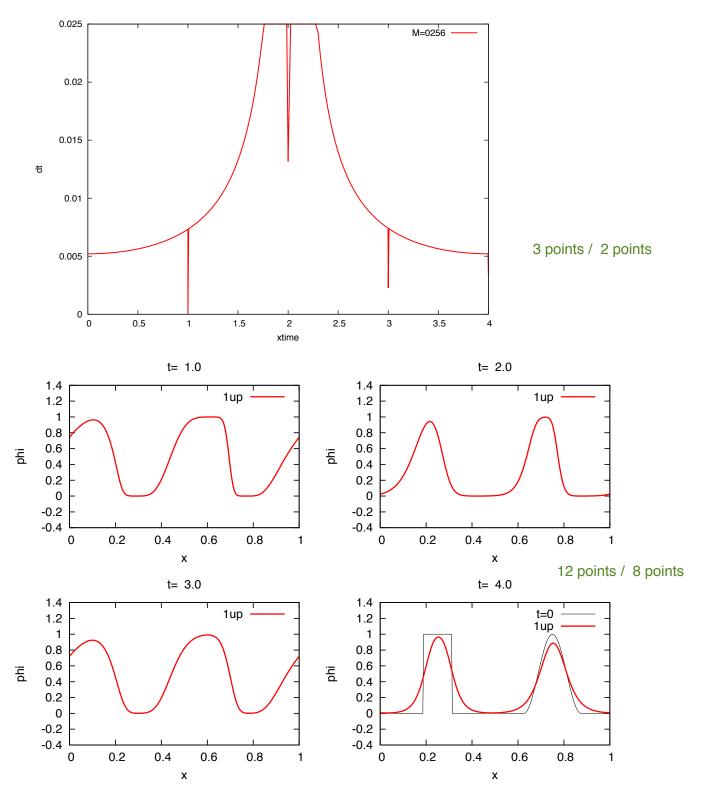
Homework 8 Solution

Task 1 (20 points / 8 points) see scan

Task 2 (25 points / 14 points)



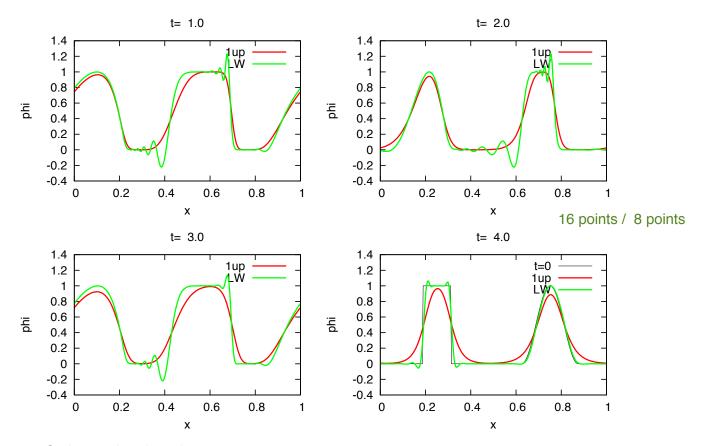
Code: 10 points / 4 points

Homework 8 Solution

Task 3 (6 points / 3 points) see scan

Task 4 (4 points / 2 points) see scan

Task 5 (25 points / 12 points) see scan



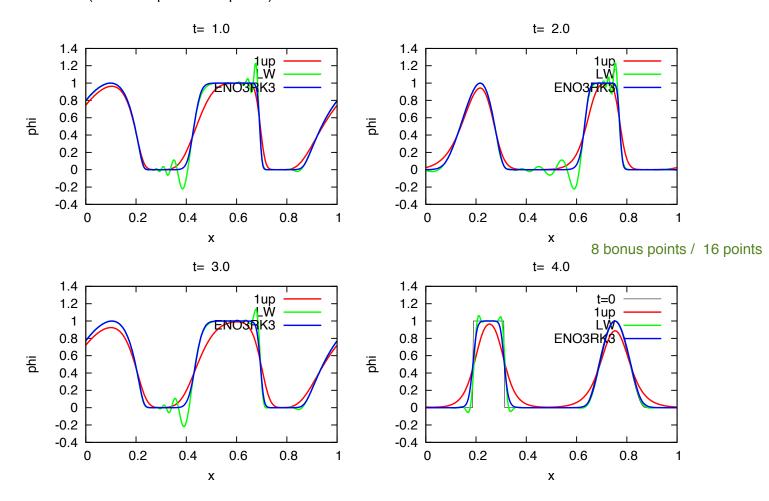
Code: 9 points / 4 points

Task 6 (20 points / 10 points) see scan

Task 7 (10 bonus points / 25 points) see scan

Homework 8 Solution

Task 8 (13 bonus points / 26 points) see scan



Code: 2 bonus points / 10 points

The solution show dispersive between, considered with the model of quaking which has a landing order more form with an odd-derivative end their dispersive behavior.

$$\begin{bmatrix}
2/1 \\
1/2 \\
1/2
\end{bmatrix}$$
The solution show dispersive between, considered with the model of quaking which has a landing order more form with an odd-derivative end their dispersive behavior.

$$\begin{bmatrix}
2/10/25 \\
1/2 \\
1/2
\end{bmatrix}$$
The solution of the said of the solution of the said of the said

ahesteells:

 $\phi_{-2} = \phi_{n-2}$; $\phi_{-1} = \phi_{n-1}$; $\phi_0 = \phi_{n1}$ (1/3) $\phi_{n+3} = \phi_3$; $\phi_{n+2} = \phi_2$; $\phi_{n+1} = \phi_1$ (1/3)