

t(sec)	$v=-14e^{-t}+24e^{-2t}$	$v=-14te^{-2t}+5e^{-2t}$	$v=-10e^{-t}\cos 5t$
0	10	5	10
0.1	6.981814221	2.947430711	7.940695394
0.2	4.625450562	1.474704101	4.423621138
0.3	2.800024177	0.439049309	0.524034079
0.4	1.399414494	-0.269597378	-2.789515666
0.5	0.337677352	-0.735758882	-4.859181657
0.6	-0.454701819	-1.024060321	-5.433194018
0.7	-1.033867118	-1.183665427	-4.650306285
0.8	-1.445089066	-1.251758412	-2.937010111
0.9	-1.724801919	-1.25627155	-0.857031764
1	-1.902265379	-1.218017549	1.043534863
1.1	-2.000919371	-1.152352847	2.358956758
1.2	-2.039488088	-1.070471849	2.891977328
1.3	-2.032879225	-0.980411232	2.661511767

9.6	-0.000948092	-5.93581E-07	-0.000433562
9.7	-0.000857879	-4.91241E-07	-0.000118558
9.8	-0.000776249	-4.06499E-07	0.000166683
9.9	-0.000702385	-3.36338E-07	0.000361784
10	-0.00063555	-2.78256E-07	0.000438094





