## Insert a transient load in a model Workbench 14.0



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from the homepage.



Use a fixed support in one of the ends.



Set the "Step End Time" to 3 sec

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Add a force as a components.



	_	_
<u> </u>	10*SIN(D3)+1*COS(D4*5)	
	0,877582562	0
Maka a tim	1,538636472	0,1
wake a tim	2,05743051	0,2
used to ma	2,53905523	0,3
	3,093039808	0,4
	3,804262889	0,5
	4,709968047	0,6
	5,788533252	0,7
	6,96276511	0,8
	8, <b>1</b> 16931282	0,9
	9,123379622	1
	9,872243887	1,1
	10,29697849	1,2
	10,38948411	1,3
	10,20113262	1,4
	9,829449832	1,5
	9,393724128	1,6
	9,005517843	1,7
	8,741304153	1,8
	8,623929348	1,9
	8,61743734	2
	8,636519364	2,1
	8,568268797	2,2
	8,30090608	2,3
	7,752430085	2,4
	6,892168222	2,5
	5,749934382	2,6
	4,410536021	2,7
	2,994957235	2,8
	1,632805379	2,9
	2,411200081	3

F

Make a time series. In this example MS EXCEL is used to make a 3 sec time series.

D

D	E
	10*SIN(D3)+1*COS(D4*8)
(	0,696706709
0,:	0,969134644
0,3	1,249299592
0,3	1,956907291
0,4	4 3,240539802
0,5	4,881754369
0,0	6,421990612
0,	7,435361791
0,8	7,781912224
0,9	7,687769062
:	1, 7,603616834
1,:	1 7,927385745
1,2	8,759406602
1,3	9,838586718
1,4	10,69835126
1,5	5 10,94778243
1,0	10,50744002
1,1	9,656830748
1,8	8,864739326
1,9	8,505341397
:	8,632295681
2,:	8,947837421
2,2	8,985604211
2,3	8,396272468
2,4	7,162713867
2,5	5,614128115
2,0	4,230541943
2,7	3,356220752
2,8	2,995787708
2,9	2,816672299
:	2,411200081

Then copy the time and set it in to the "Tabular data" and copy the load and set it in to "Tabular data Force Y".

