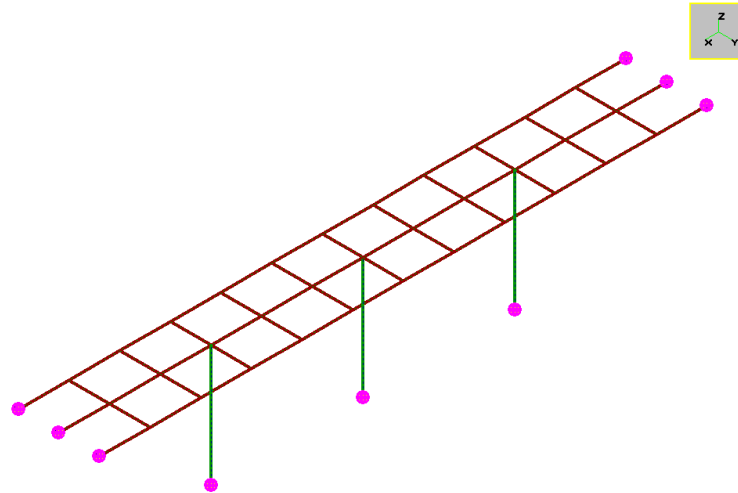


Comparison between Sargon (V8.42), NXNASTRAN and NEiNASTRAN - NORMAL MODES			
TEST 37	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	09/04/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
Model Name	tes37.WSR	tes37000.dat		tes37.NAS	
Output file	tes37.dou	tes37000.f06		tes37.OUT	
	Frequency [Hz]	Frequency [Hz]	% errNX	Frequency [Hz]	% errNE
Mode 1	2,865530	2,865530	0,000	2,865895	-0,013
Mode 2	3,756689	3,756689	0,000	3,757089	-0,011
Mode 3	5,012883	5,012882	0,000	5,013372	-0,010
Mode 4	6,603830	6,603830	0,000	6,603863	0,000
Mode 5	7,666034	7,666033	0,000	7,666340	-0,004
Mode 6	8,265778	8,265778	0,000	8,266932	-0,014
Mode 7	8,497666	8,497665	0,000	8,499087	-0,017
Mode 8	10,10406	10,10405	0,000	10,10706	-0,030
Mode 9	10,25471	10,25471	0,000	10,25788	-0,031
Mode 10	11,06645	11,06645	0,000	11,06780	-0,012

$\% \text{ errNX} = (\text{Sargon} - \text{NX}) / \text{NX} * 100$; $\% \text{ errNE} = (\text{Sargon} - \text{NE}) / \text{NE} * 100$