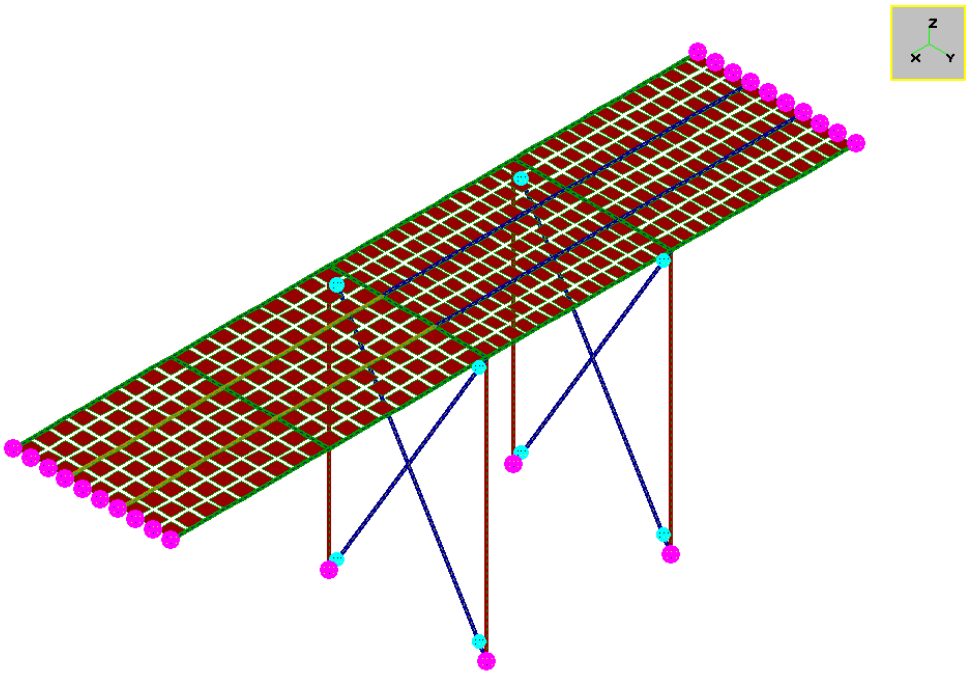
Comparison between Sargon (V8.50), NXNASTRAN and NEiNASTRAN – NORMAL MODES			
TEST 45	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	14/04/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
Model Name	tes45.WSR	tes45000.dat		tes45.NAS	
Output file	tes45.dou	tes45000.f06		tes45.OUT	
	Frequency [Hz]	**Frequency [Hz]**	**% errNX**	**Frequency [Hz]**	**% errNE**
Mode 1	4,618160	4,618671	-0,011	4,620111	-0,042
Mode 2	8,765061	8,765061	0,000	8,764937	0,001
Mode 3	8,805263	8,805266	0,000	8,805153	0,001
Mode 4	14,19717	14,17751	0,139	14,28326	-0,603
Mode 5	20,32139	20,32287	-0,007	20,50078	-0,875
Mode 6	22,32935	22,24292	0,389	22,72476	-1,740
Mode 7	26,22391	26,31786	-0,357	26,53988	-1,191
Mode 8	27,35372	27,28620	0,247	27,85944	-1,815
Mode 9	30,75139	30,91728	-0,537	31,35973	-1,940
Mode 10	36,20522	36,41040	-0,564	37,22293	-2,734

Model data

Degrees of freedom = 2756
Beam elements = 223
Plate shell elements = 414

% errNX = (Sargon - NX) / NX * 100; % errNE = (Sargon - NE) / NE * 100