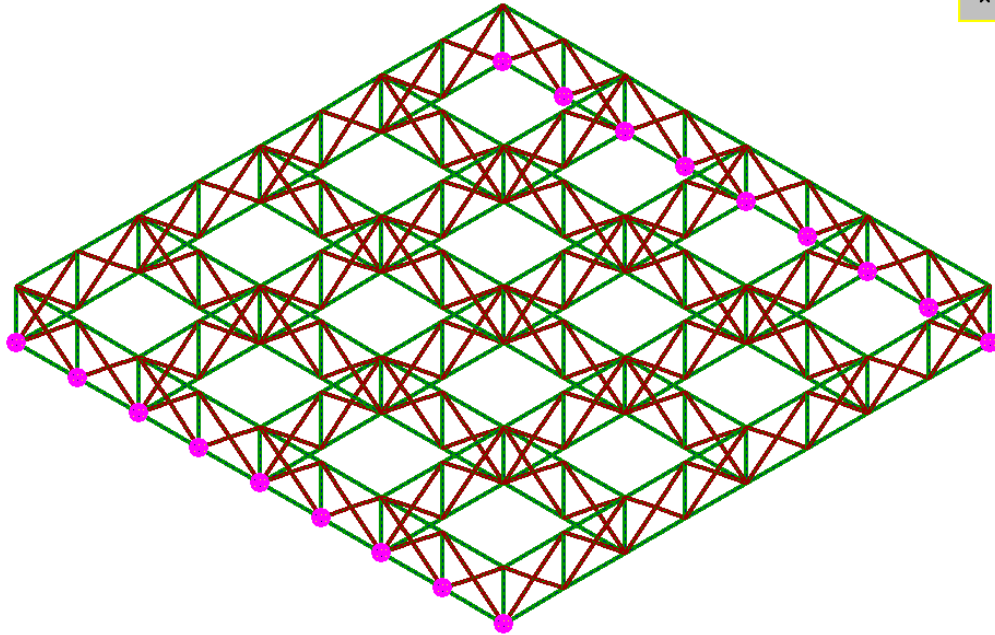


Comparison between Sargon (V8.42), NXNASTRAN and NEiNASTRAN - NORMAL MODES			
TEST 34	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	09/04/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
Model Name	tes34.WSR	tes34000.dat		tes34.NAS	
Output file	tes34.dou	tes34000.f06		tes34.OUT	
	Frequency [Hz]	Frequency [Hz]	% errNX	Frequency [Hz]	% errNE
Mode 1	1,900895	1,900895	0,000	1,900904	0,000
Mode 2	4,048386	4,048386	0,000	4,048404	0,000
Mode 3	6,241848	6,241848	0,000	6,241873	0,000
Mode 4	12,29023	12,29023	0,000	12,29031	-0,001
Mode 5	12,86221	12,86221	0,000	12,86226	0,000
Mode 6	13,04926	13,04926	0,000	13,04935	-0,001
Mode 7	13,78853	13,78853	0,000	13,78861	-0,001
Mode 8	14,23293	14,23293	0,000	14,23303	-0,001
Mode 9	14,74290	14,74289	0,000	14,74300	-0,001
Mode 10	15,07685	15,07685	0,000	15,07696	-0,001

Model data

Degrees of freedom = 1179

Beam elements = 545

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

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staff@castaliaweb.com