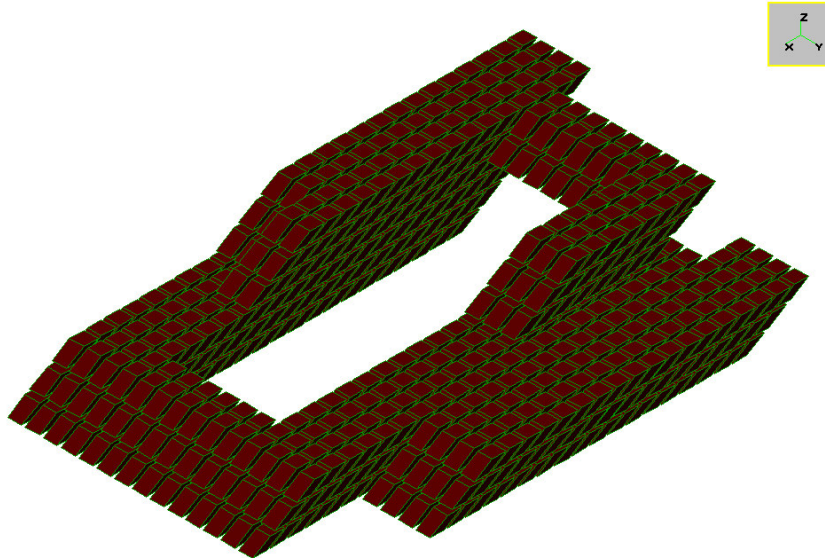


Comparison between Sargon (V8.42), NXNASTRAN and NEiNASTRAN - NORMAL MODES			
TEST 39	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	10/04/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
Model Name	tes39.WSR	tes39000.dat		tes39.NAS	
Output file	tes39.dou	tes39000.f06		tes39.OUT	
	Frequency [Hz]	Frequency [Hz]	% errNX	Frequency [Hz]	% errNE
Mode 1	351,6715	358,0104	-1,771	351,6724	0,000
Mode 2	528,2535	538,5512	-1,912	528,2548	0,000
Mode 3	647,5392	650,4370	-0,446	647,5408	0,000
Mode 4	717,2558	726,6757	-1,296	717,2576	0,000
Mode 5	856,6995	861,0616	-0,507	856,7016	0,000
Mode 6	1031,672	1043,116	-1,097	1031,674	0,000
Mode 7	1064,985	1079,252	-1,322	1064,988	0,000
Mode 8	1108,094	1123,302	-1,354	1108,097	0,000
Mode 9	1165,867	1173,123	-0,619	1165,870	0,000
Mode 10	1219,895	1232,920	-1,056	1219,898	0,000

Model data

Degrees of freedom = 4095

Solid elements = 1056

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