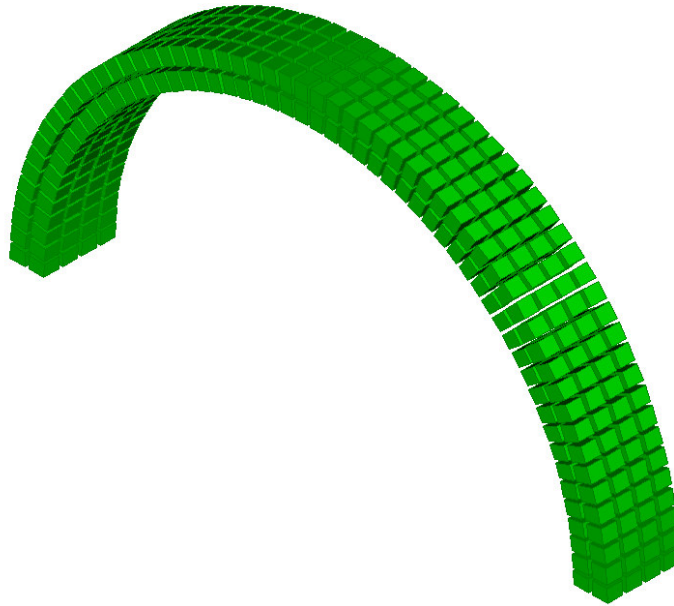


Comparison between Sargon (V8.50), NXNASTRAN and NEiNASTRAN - NORMAL MODES			
TEST 46	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	14/04/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
Model Name	tes46.WSR	tes46000.dat		tes46.NAS	
Output file	tes46.dou	tes46000.f06		tes46.OUT	
	Frequency [Hz]	Frequency [Hz]	% errNX	Frequency [Hz]	% errNE
Mode 1	14,00088	13,99385	0,050	13,99285	0,057
Mode 2	18,07976	18,08322	-0,019	18,08602	-0,035
Mode 3	37,55254	37,51925	0,089	37,50727	0,121
Mode 4	38,18474	38,19778	-0,034	38,20610	-0,056
Mode 5	69,81230	69,83378	-0,031	69,84899	-0,053
Mode 6	73,91840	73,83854	0,108	73,80872	0,149
Mode 7	91,24211	91,26378	-0,024	91,27738	-0,039
Mode 8	100,7452	100,7958	-0,050	100,8267	-0,081
Mode 9	118,9879	118,8382	0,126	118,7833	0,172
Mode 10	120,5418	120,5777	-0,030	120,6009	-0,049

Model data

Degrees of freedom = 2565

Solid elements = 464

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