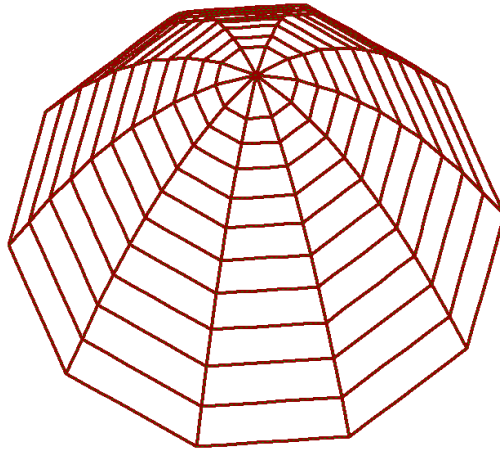


Comparison between Sargon (V8.42), NXNASTRAN and NEiNASTRAN - NORMAL MODES			
TEST 35	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	09/04/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
Model Name	tes35.WSR	tes35000.dat		tes35.NAS	
Output file	tes35.dou	tes35000.f06		tes35.OUT	
	Frequency [Hz]	Frequency [Hz]	% errNX	Frequency [Hz]	% errNE
Mode 1	2,065128	2,065127	0,000	2,065108	0,001
Mode 2	2,065128	2,065128	0,000	2,065111	0,001
Mode 3	3,065418	3,065418	0,000	3,065381	0,001
Mode 4	5,270762	5,270765	0,000	5,270596	0,003
Mode 5	5,270762	5,270766	0,000	5,270620	0,003
Mode 6	6,015268	6,015268	0,000	6,015183	0,001
Mode 7	6,015268	6,015269	0,000	6,015187	0,001
Mode 8	6,933416	6,933421	0,000	6,933158	0,004
Mode 9	6,933416	6,933421	0,000	6,933196	0,003
Mode 10	8,027550	8,027551	0,000	8,027444	0,001

Model data

Degrees of freedom = 2346

Beam elements = 550

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