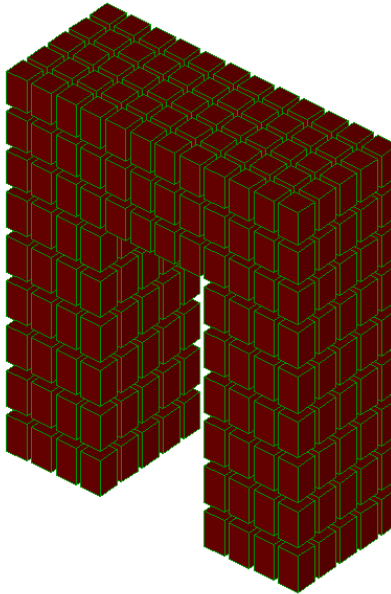


Comparison between Sargon (9.01), NXNASTRAN and NEiNASTRAN - NORMAL MODES			
TEST 54	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	27/11/2008



	Sargon (Leda)	NX NASTRAN		NE NASTRAN	
<b>Model Name</b>	tes54.WSR	tes54000.dat		tes54.NAS	
<b>Output file</b>	tes54.dou	tes54000.f06		tes54.OUT	
	Frequency [Hz]	Frequency [Hz]	% errNX	Frequency [Hz]	% errNE
<b>Mode 1</b>	136,6293	136,6203	0,007	136,6296	0,000
<b>Mode 2</b>	192,4556	192,4372	0,010	192,4560	0,000
<b>Mode 3</b>	284,1031	284,0366	0,023	284,1038	0,000
<b>Mode 4</b>	693,3045	693,2225	0,012	693,3062	0,000
<b>Mode 5</b>	704,5904	704,5681	0,003	704,5921	0,000
<b>Mode 6</b>	743,5798	743,5628	0,002	743,5816	0,000
<b>Mode 7</b>	831,4339	831,3726	0,007	831,4359	0,000
<b>Mode 8</b>	910,3359	910,2150	0,013	910,3382	0,000
<b>Mode 9</b>	986,1654	985,7473	0,042	986,1678	0,000
<b>Mode 10</b>	1157,795	1157,695	0,009	1157,798	0,000

#### Model data

Degrees of freedom = 1836

Solid elements = 420

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