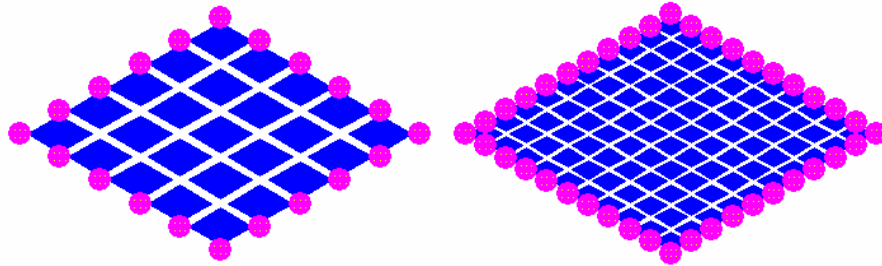


Comparison between Sargon, NXNASTRAN and NEiNASTRAN			
TEST 11	VALIDATION, CROSS CHECKS, RELIABILITY, BENCHMARK	Marco Croci	06/04/2007



	Sargon (Clever)	NXNASTRAN	Δ_{rel}	NEiNASTRAN	Δ_{rel}
5x5					
Model Name	tes11.WSR	tes11000.dat		tes11.NAS	
Output file	tes11.CEN	tes11000.f06		tes11.OUT	
Q1	-3,447E-02	-3,526E-02	-2,240E-02	-2,957E-02	1,657E-01
Q2	-3,322E-02	-3,420E-02	-2,865E-02	-3,240E-02	2,531E-02
10x10					
Model Name	tes11bis.WSR	tes11001.dat		tes11bis.NAS	
Output File	tes11bis.CEN	tes11001.f06		tes11bis.OUT	
Q1	-3,322E-02	-3,420E-02	-2,865E-02	-3,240E-02	2,531E-02
Q2	-8,010E-03	-8,122E-03	-1,379E-02	-7,603E-03	5,353E-02

Compared Value:

Q1 = Load Set 1 - Node 29 - Dz
 Q2 = Load Set 1 - Node 19 - Dz

Translations: [mm]

Δ_{rel} is computed between Sargon and NX and between Sargon and NEi (see introduction).
 NXNASTRAN and NEiNASTRAN values are rounded up to 4 significant digits.