

ANSYS

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2011

477

1

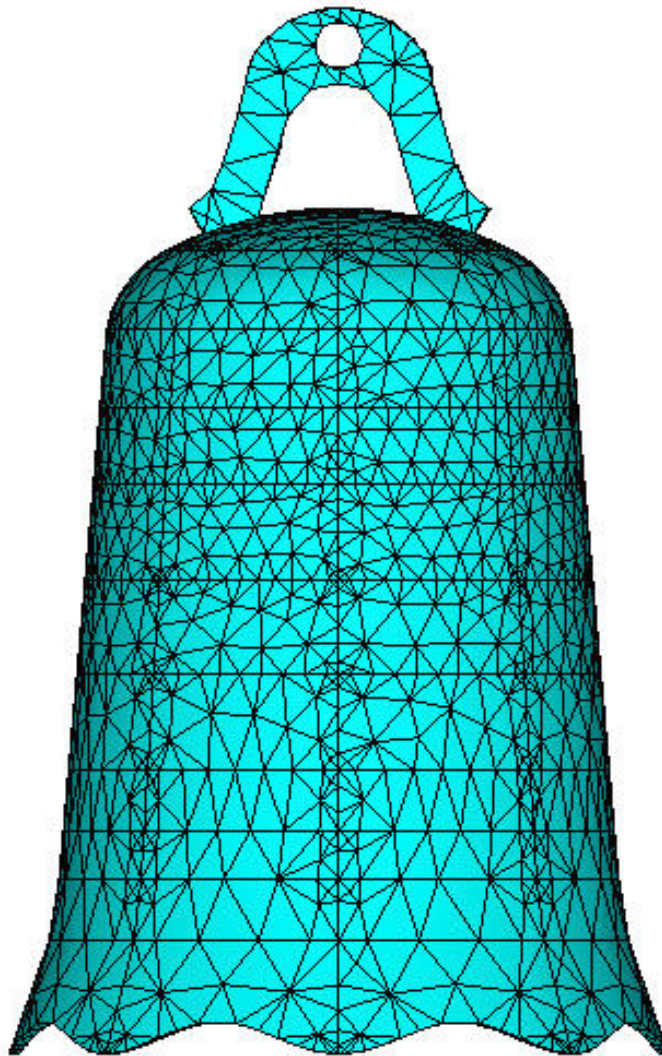
2

ANSYS

Solid95

13221

26765



1

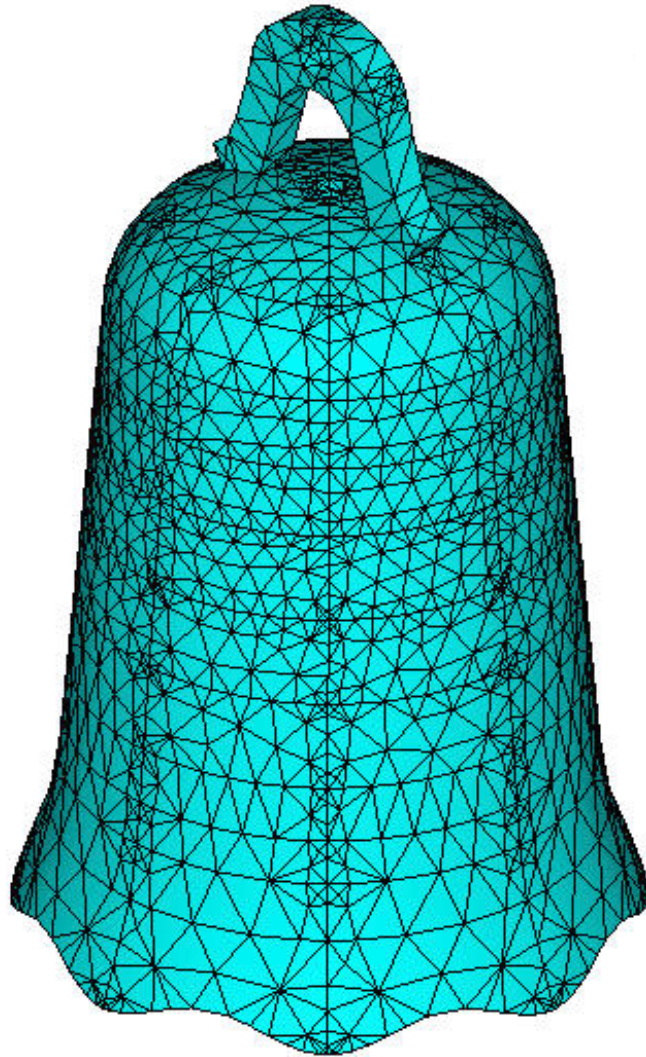
86% 12% 2%

$$\psi = 8.72 \Delta 10^3 \text{ kg/m}^3$$

$$E = 12.2 \Delta 10^{10} \text{ N/m}^2$$

$$\tau = 0.35$$

$\xi = 0.002$



0~1000

1

403Hz

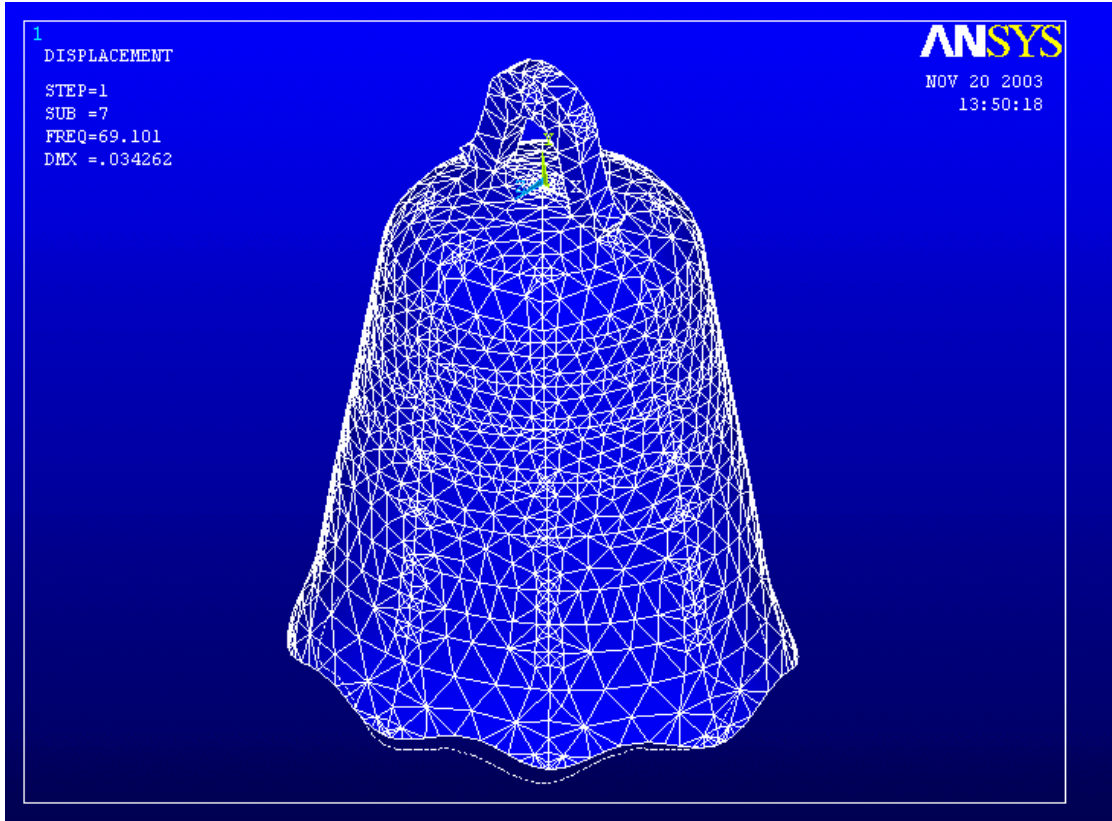
3~9

1

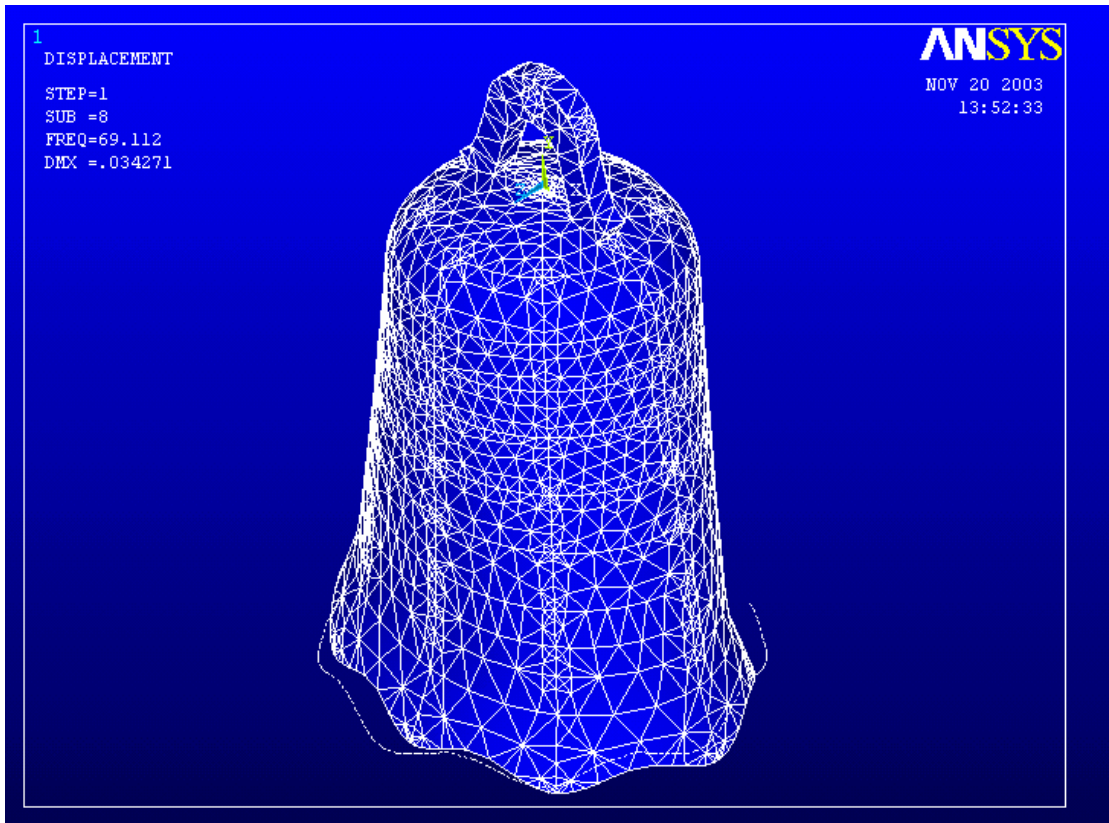
1'	68.775'
2'	68.787'
3'	151.41'
4'	181.7'
5'	181.71'
6'	239.59'
7'	239.61'
8'	263.05'
9'	263.43'
10'	265.26'
11'	265.31'
12'	349.19'
13'	363.04'
14'	363.22'
15'	368.89'
16'	371.12'
17'	403.3'
18'	412.97'
19'	433.35'
20'	439.68'
21'	439.82'
22'	450.28'
23'	485.37'
24'	494.48'
25'	494.61'
26'	494.85'

27'	513.84'
28'	513.99'
29'	536.53'
30'	536.56'
31'	550.91'
32'	551.21'
33'	557.92'
34'	564.56'
35'	602.41'
36'	627.04'
37'	634.67'
38'	634.8'
39'	649.43'
40'	649.6'
41'	655.22'
42'	656.12'
43'	657.86'
44'	683.77'
45'	684.83'
46'	685.41'
47'	700.56'
48'	700.8'
49'	724.95'
50'	747.81'
51'	748.18'
52'	754.22'
53'	759.78'
54'	773.95'
55'	775.44'
56'	785.08'
57'	811.05'
58'	811.22'
59'	813.46'
60'	818.05'
61'	818.76'
62'	818.94'

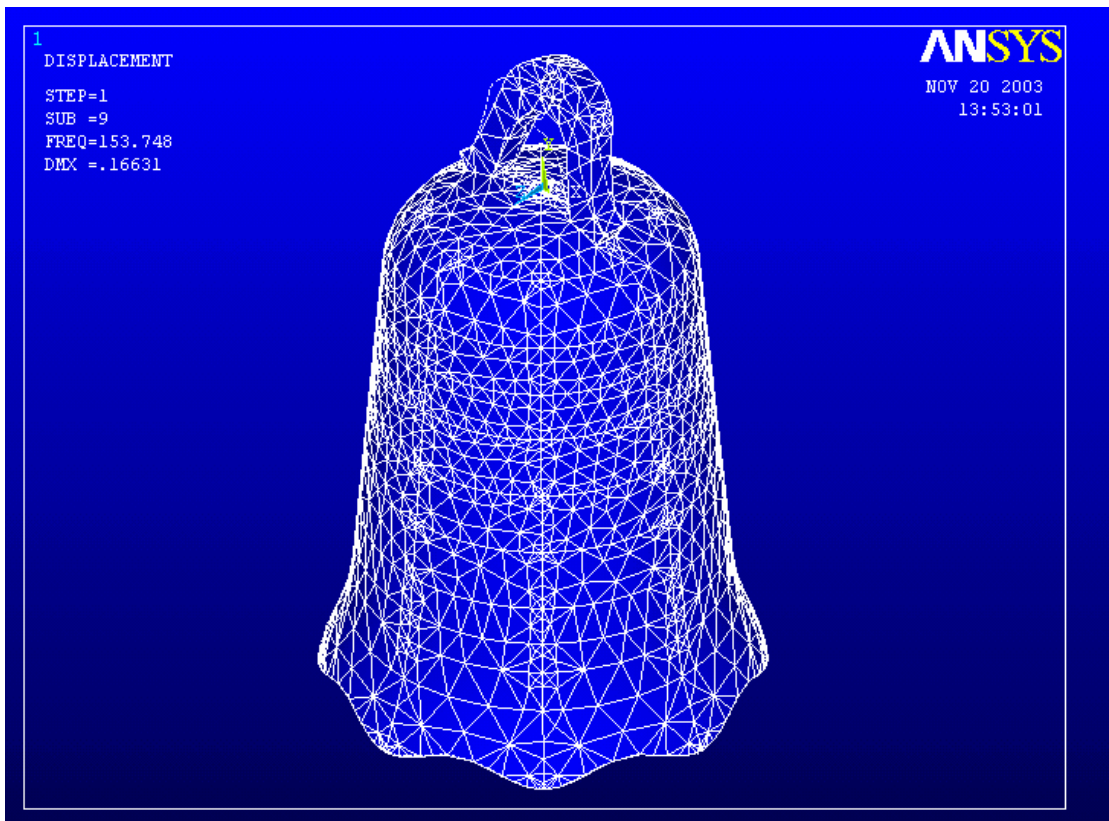
63´	819.51´
64´	842´
65´	845.71´
66´	851.86´
67´	863.61´
68´	864.1´
69´	872.98´
70´	882.09´
71´	882.23´
72´	883.17´
73´	928.05´
74´	929.53´
75´	934.74´
76´	954.29´
77´	957.87´
78´	964.09´
79´	980.49´
80	982.94´
81	990.14´
82	991.63´
83	992.7´
84	993.34´
85	993.75´
86	995.41´
87	999.04´



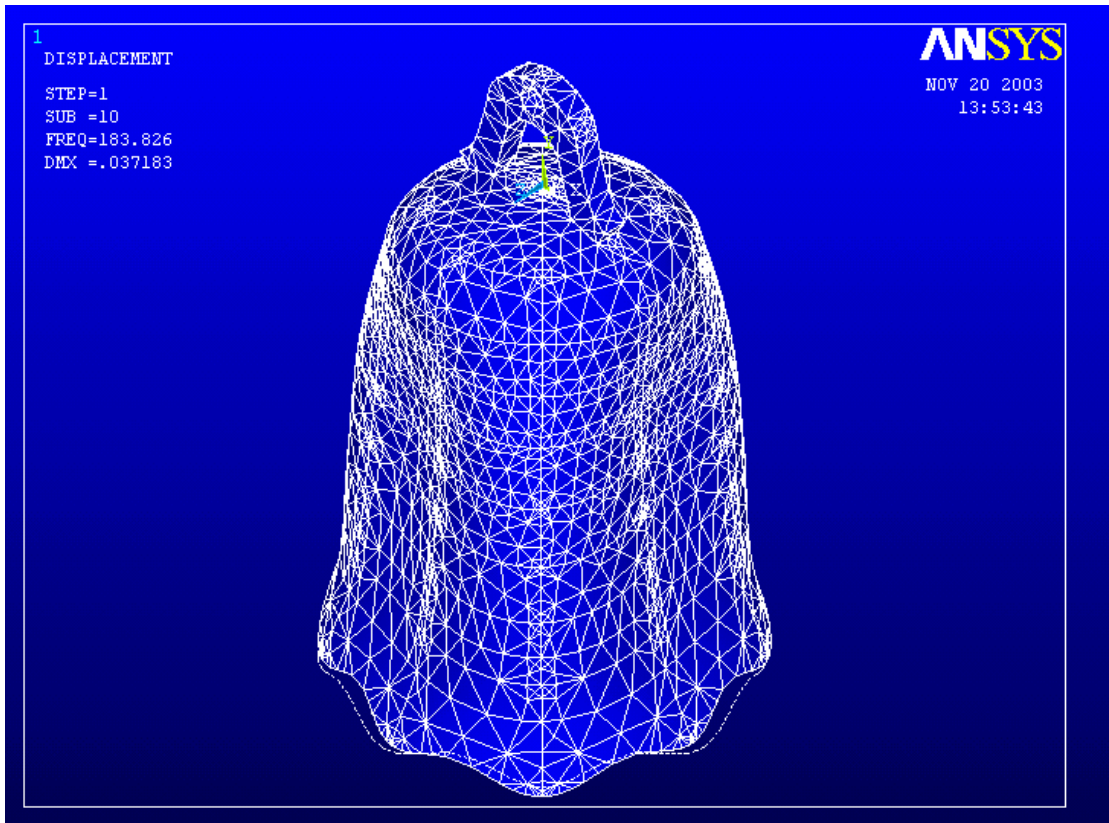
3



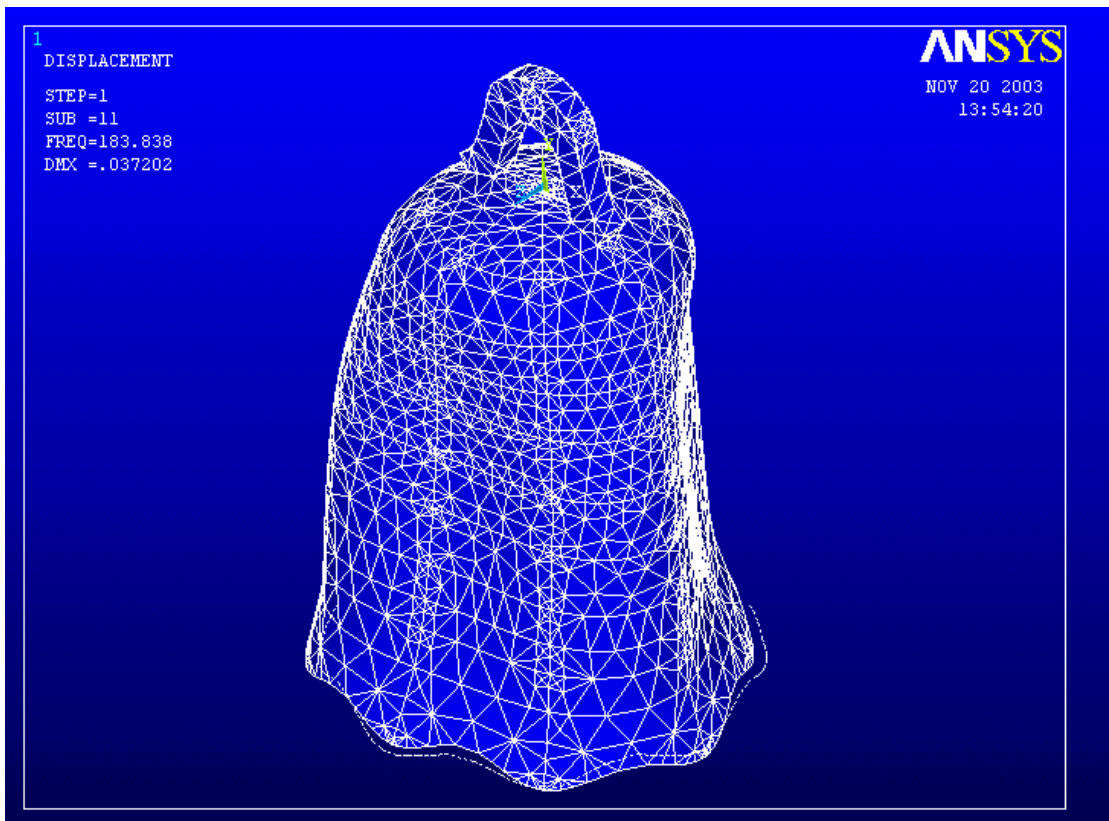
4



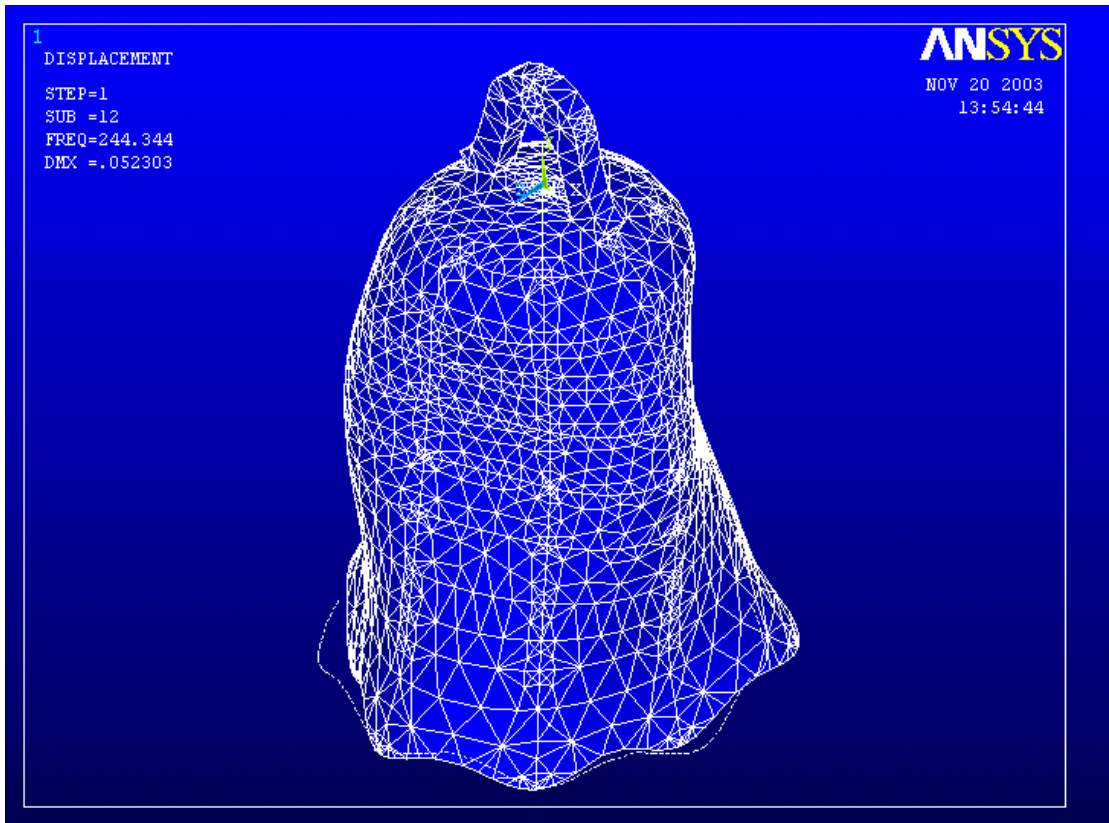
5



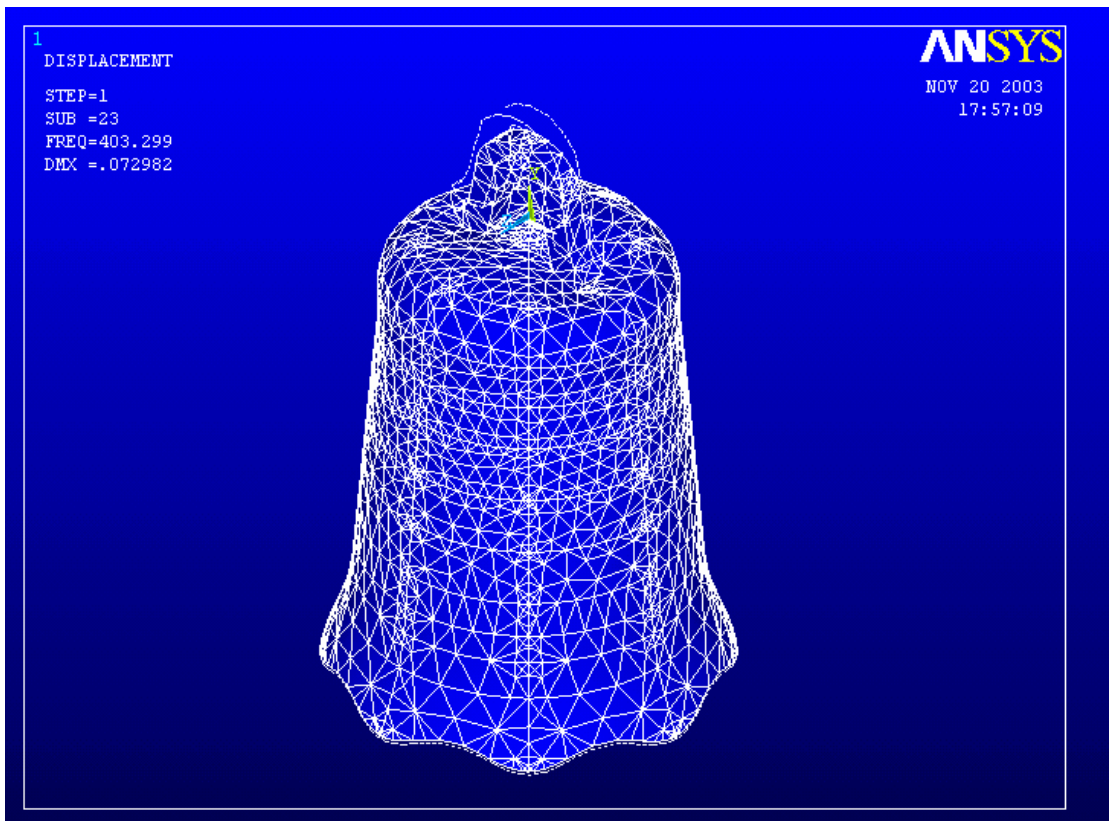
6



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8



9

403Hz

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